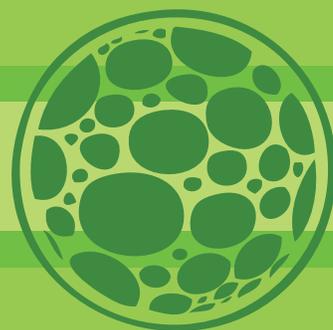
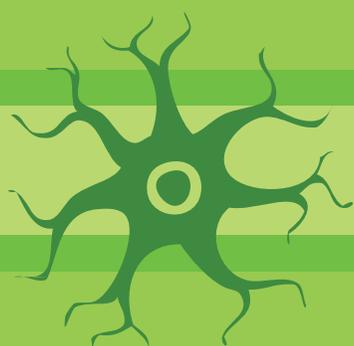


POLAND-SILICON VALLEY SCIENCE AND TECHNOLOGY SYMPOSIUM 2013



November 7-8

San Francisco

LIFE SCIENCES & Advanced Materials



The National Centre
for Research and Development



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LETTERS







POLAND-SILICON VALLEY SCIENCE AND TECHNOLOGY SYMPOSIUM 2013:

“LIFE SCIENCES & ADVANCED MATERIALS”

November 7-8, 2013, The Fairmont Hotel, San Francisco

On behalf of the **US-Polish Trade Council (USPTC)**, we welcome you at the 2013 edition of the **Poland-Silicon Valley Science and Technology Symposium**. The focus of this year’s Symposium will be the Life Sciences and Advanced Materials, with expert panels addressing the following topics:

- The current state of Stem Cell research and technology
- Robotic systems in surgery
- Innovative therapies in modern cancer treatments
- New frontiers of medicine – where technology merges with Life Sciences
- Advanced sciences in food and nutrition
- From research to technology transfer to commercialization for the BioPharma SMEs

The Advanced Materials session will focus on:

- The legacy of Jan Czocharalski– from 1916 discovery to today’s Silicon Valley

With the rapidly growing population of the developing countries, and with the rapid shift in the developed countries’ demographics towards growing percentage of older population supported by declining percentage of young population, two major aspects will keep challenging the world in the future: reliable supplies of healthy nutrition and potable water, and medical care when needed for the price affordable to the society. This year Symposium is aimed to focus on some of the subjects associated with the above challenges: from medical science through advanced materials and technologies.

The 2013 Symposium brings together representatives of the American economy’s dynamically growing Life Sciences’ industries with promising Polish biotechnology and pharmaceutical companies. We hope you will take advantage of the opportunity to participate in discussions led by distinguished academic experts from leading U.S. and Polish universities, and experienced industry leaders. Together, we plan to explore breakthrough technologies in Polish and international science and medicine, as panelists share and seek out new perspectives on the potential role of Life Science technologies in the Polish and American economies. The aim of the dialogue is to create a platform for cooperation, establishing relationships between Polish companies and institutions and leaders in innovative technologies in Silicon Valley.

Wishing you productive and memorable time at the Symposium

Piotr D. Moncarz, Ph.D., P.E., SCPM
Consulting Professor, Stanford University
Chairman, USPTC

Jerzy Orkiszewski
President, USPTC

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PATRONS

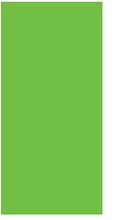




PARTNER



The National Centre
for Research and Development



PATRONS



PATRONAGE

**Patronage of the Consul General of the Republic of Poland in Los Angeles,
Mariusz Brymora**

**Patronage of the President of the Board of the Foundation
for Polish Science,
prof. Maciej Żylicz**



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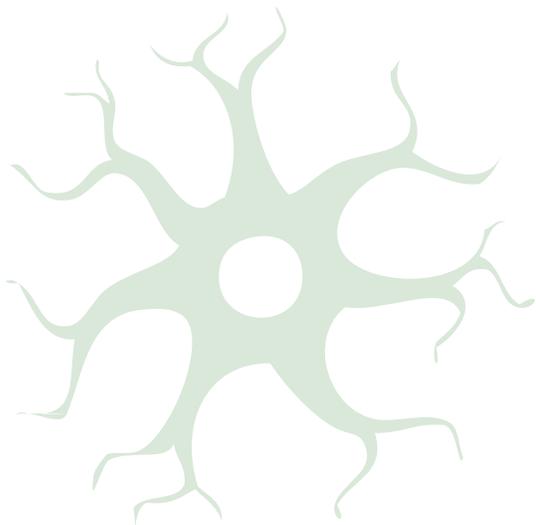
PATRONS





AGENDA





Thursday, November 7, 2013
Terrace Room, The Fairmont San Francisco Hotel

8:00 – 9:00 AM REGISTRATION AND BREAKFAST

9:00 – 9:45 AM WELCOME AND INTRODUCTION

Jerzy Orkiszewski, *President, US-Polish Trade Council*
Małgorzata Cup, *Consul for Culture, Press, Education and Polish Community, Consulate General of The Republic of Poland in Los Angeles*
Mark Chandler, *Director, San Francisco Mayor's Office of International Trade and Commerce*
Jolanta Emilia Hibner, *Member of the European Parliament*
Piotr Moncarz, *Chairman, US-Polish Trade Council*

MASTERS OF CEREMONY

Lukas Grabiec, *Corporate Counsel, Intel Corporation*
Dominik Schmidt, *Technology Investments, QVT Financial*

9:45 – 10:30 AM LIFE SCIENCES – FOUNDATION FOR THE ABUNDANCE

Janusz Bryzek, *VP Development, MEMS and Sensor Solutions, Fairchild Semiconductor*

10:30 -10:45 PM BREAK

10:45 – 11:45 AM WHERE TECHNOLOGY CONVERGES WITH LIFE SCIENCES - NEW FRONTIERS OF MEDICINE

Medicine today dramatically changes its character as it is embracing new developments in such areas as mobile devices, sensors, new materials, robotics or cloud computing. The traditional roles in health-care delivery system are being rapidly redefined: patients, more educated than ever and supported by internet, are partnering with medical professionals in diagnosing and treatment of medical conditions; physicians are harnessing powers of technology to balance holistic perspective with deeply specialized medical knowledge. Medical offices are becoming data processing centers so medical professionals can have needed information in real time. Surgery rooms are becoming robotics labs with remote surgery capabilities... and this is just the tip of the iceberg in this transformation.

Convergence of information sciences, with its exponential growth of computing power, with the material science, highlighted by increasing ability to manipulate materials at the molecular level, and life science underscored by decoded human genome, creates unique and exciting environment for explosion in innovation in the healthcare and life sciences.

This panel offers a glimpse into frontiers of today's medicine, where not even clouds are the limit. The panelists, professionals who embrace different areas of science and technology to leverage efficiency of the health care system, inspire the audience with their vision of future of medicine which is unveiling in front of our eyes.

Moderator: Wanda Lopuch, *Chair of the Board Global Sourcing Council*
Martin Kawalski, *Co-Founder, Medical Director at WiseMedCo Ltd.*
Krzysztof Kulesza, *Healthcare Solutions Director, Data Techno Park*



Thursday, November 7, 2013
Terrace Room, The Fairmont San Francisco Hotel

11:45 – 12:00 PM **SILICON VALLEY CAREER – SCIENCE, TECHNOLOGY, MARKET, MONEY**

Dominik Schmidt, *Technology Investments, QVT Financial*

12:00 – 12:15 PM **SIGNING OF THE COOPERATION AGREEMENT BETWEEN THE CITY OF BIAŁYSTOK AND US-POLISH TRADE COUNCIL**

Tadeusz Truskolaski, *President of Białystok*
Jerzy Orkiszewski, *President, US-Polish Trade Council*
Piotr Moncarz, *Chairman, US-Polish Trade Council*

12:15 – 1:45 PM **LUNCH AND USPTC PRESENTATION: US-POLAND INNOVATION HUB AND FINANCING OPPORTUNITIES**

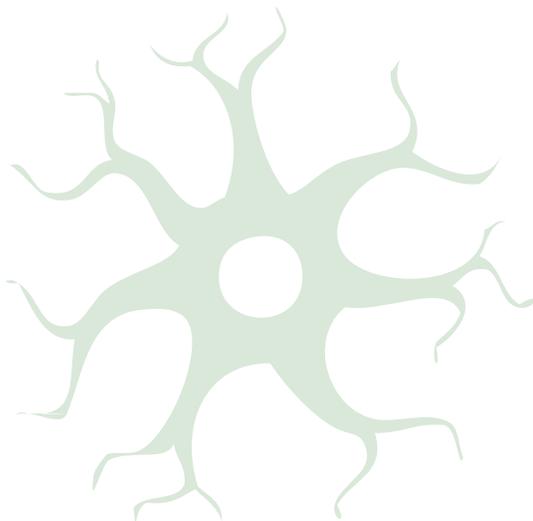
Piotr Moncarz, *Chairman, US-Polish Trade Council*
Daniel Maksym, *The National Centre for Research and Development, Go_Global.pl program*
Arthur Mrozowski, *Managing Partner, Silicon Hill Ventures*

1:45 – 2:45 PM **ADVANCED SCIENCES IN FOOD AND NUTRITION**

US is the world's key food producer. This resulted in superb efficiency of the US food industry but often led to loss in the natural quality or even to counter-nutritional results. Poland, coming from the boutique farmer feeding "under the table" the entire country in the central planning economy, turns itself into a quality food supplier not only in Europe, but also on other continents. The challenges of how to modernize Polish food industry; farming, processing plants and distribution without losing the label of "traditional and healthy" are going to be a part of the discussion led by the Polish visitors. The US panelist will address the US food R&D and the regulatory and economic challenges.

Lech Dzienis, *Professor and Rector of the Białystok University of Technology*
Barbara Petersen, *Principal Scientist, Chemical Regulation and Food Safety, Exponent*
Oleg M. Demchuk, *Assistant Professor, Maria Curie-Skłodowska University in Lublin*

2:45 – 3:00 PM **BREAK**



Thursday, November 7, 2013
Terrace Room, The Fairmont San Francisco Hotel

3:00 – 4:30 PM THE CURRENT STATE OF STEM CELL RESEARCH AND TECHNOLOGY

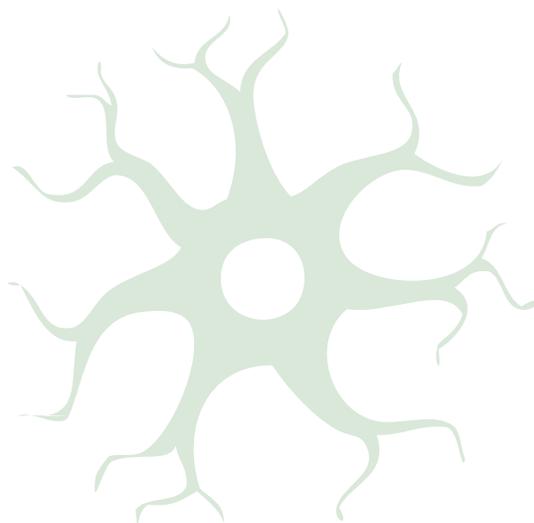
Eight years ago US-Polish Trade Council held a seminar at the Stanford University Faculty Club titled: "Stem Cell - Research and Prospects". The topics ranged from the basic science through issues of ethics, regenerative research politics, and sources of funding for basic and advanced research in this, at that stage very controversial, topics. The panel included luminaries of the stem cell research and leaders in the public discussion: Professors Irving Weissman, Maria Michejda, Mariusz Ratajczak, Grzegorz Breborowicz, Dr. Jane Lebkowski. Today, after California took charge of its own destiny in the field of stem cell research and application and taxed itself to a tune of billions of dollars for that specific purpose, one can talk about a daily role of stem cells in medical treatment decisions. The panel of prominent experts will address the stem cell competency map in the world, the remaining niches, the role of stem cells in today's medicine, the public-private funding of R&D, and the "what's the next big thing in stem cells?" The goal will be to identify those areas of R&D and practical applications in Poland and in the US that might lead to knowledge exchange and joint projects.

Moderator: Piotr Moncarz, Consulting Professor, Stanford University
Robert Klein, Head of California Institute for Regenerative Medicine
Andrzej Pawlak, President, VortexLOG
Anna Domaszewska-Szostek, Mossakowski Medical Research Centre, Polish Academy of Science
Fr. Gerald Coleman, Vice President, Corporate Ethics, Daughters of Charity Health Systems

4:30 – 5:15 PM FROM RESEARCH TO TECHNOLOGY TRANSFER AND COMMERCIALIZATION FOR THE BIOPHARMA SMES

Soody Tronson, Founder and Director, STLgip
Marcin Szumowski, Nencki Institute of Experimental Biology

5:15 – 6:15 PM NETWORKING, BUSINESS MIXER



Friday, November 8, 2013
Terrace Room, The Fairmont San Francisco Hotel

8:00 – 9:00 AM **REGISTRATION & BREAKFAST**

9:00 – 9:15 AM **PUBLIC-PRIVATE INVESTMENT STIMULATING BREAK-THROUGH DEVELOPMENTS**

Franklin Pitcher Johnson, *Founder, Asset Management Co.*

9:15 – 11:15 AM **INNOVATIVE THERAPIES IN MODERN CANCER TREATMENTS**

Heart diseases and cancers, are two main causes of death in the US, in Poland and globally. Approximately 13 million cases of cancers were diagnosed globally in 2008 and approximately 8 mill deaths related to cancer were reported in 2010. As population ages, so the prevalence of cancer increases. This global demographic trend puts significant pressure on national health care systems as well as on individual consumers of health care services, while simultaneously offering incentives to look into new, more effective ways of diagnosis, treatment and prevention of cancers.

Cancer, medically known as malignant neoplasm, is actually a broad group of diseases related to unregulated cell growth. Despite significant resources, talent and time dedicated by both private and public enterprises to identify new ways of understanding these conditions, still little is known about actual mechanisms of unregulated growths of various tumors. Rapid advancement in sciences and technology, especially information technology and material sciences, offers new, exciting opportunities and new perspectives on understanding tumor mechanisms and developing new treatments and therapies.

This panel of distinguished experts with over 90 years of expertise in clinical treatment of cancer, in cancer research and development of new therapies, will examine existing state of knowledge about current understanding of cancer as group of diseases, and offer a unique insight into new therapies and treatments.

Moderator: Wanda Lopuch, *Chair of the Board Global Sourcing Council*
Waldemar Priebe, *Professor, University of Texas MD Anderson Cancer Center*
Tom Zioncheck, *Director, Business Development, Genentech Inc.*
Stefan Madajewicz, *Professor Emeritus, Stony Brook University Medical School, Cancer Center*
Marcin Szumowski, *Founder and CEO, OncoArendi Therapeutics*
Jack Andraka, *16 year old Inventor, Scientist and Cancer Researcher, Exclusive Video message to Symposium Participants*

11:15 – 11:30 AM **BREAK**

11:30 – 12:30 PM **ROBOTIC SYSTEMS IN SURGERY**

There is hardly an area in which a small group of creative thinkers produced more life-saving tools and solutions than in the field of surgery. The panel will talk about moving from cleverer stitching tools to true robotic surgical equipment. The combination of excellence in medicine, precision mechanics, advanced electronics, and IT tools put the US in a particularly advantageous position in that field. However, Poland's doctors having been cut-off access to the newest and best developed a culture of innovation for today's problem. Could the two cultures find some common threads in looking for the "next big thing" in the field of surgical tools and robotics?

Moderator: Jerzy Orkiszewski, *Senior Director of Engineering, Cutera Inc.*
Zbigniew Nawrat, *Director at Foundation of Cardiac Surgery Development*
Gerardo Noriega, *Managing Director, GVMED*
Kazimierz Witaszek, *Silesian University of Technology*

Friday, November 8, 2013
Terrace Room, The Fairmont San Francisco Hotel

12:30 – 2:00 PM LUNCH AND KEYNOTE

Elizabeth L. Anderson, *Group VP for Health Sciences and Principal Scientist, Exponent*

2:00 – 3:45 PM THE LEGACY OF JAN CZOCHRALSKI– FROM 1916 DISCOVERY TO TODAY'S SILICON VALLEY

The rapid globalization of markets for semiconductor products driven by explosion of Internet media, mobile applications, and hunger for bandwidth, are tremendous drivers for development of more capable devices in exponentially growing quantities. At the same time the desire to give the customers more functionality at continually lower prices, drives physical and economical challenges. We will explore the economical and technical enablers of these trends, opportunities for new technologies and markets. We will attempt to answer what are the Polish contributions and opportunities for Poland to become a global player. What are conditions for global high technology companies to look at Poland as a viable place to do business? We will give the Silicon Valley perspective as well as the Polish side of this question.

Moderator: Marek Żywno, *President, Polish American Engineers Club of Silicon Valley*

Zbigniew Radzimski, *VP of Sales, WRS Materials*

Zheng Lu, *SunEdison Fellow, Crystal R&D*

Oreste Donzella, *Senior VP, KLA-Tencor*

Rajmund Bacewicz, *Deputy Rector, Warsaw University of Technology*

Adam Januszko, *Deputy Director, Military Institute of Engineer Technology in Wroclaw*

Leif Jensen, *Senior Silicon Scientist, Topsil Semiconductor Materials A/S, Denmark*

3:45 – 4:00 PM BREAK

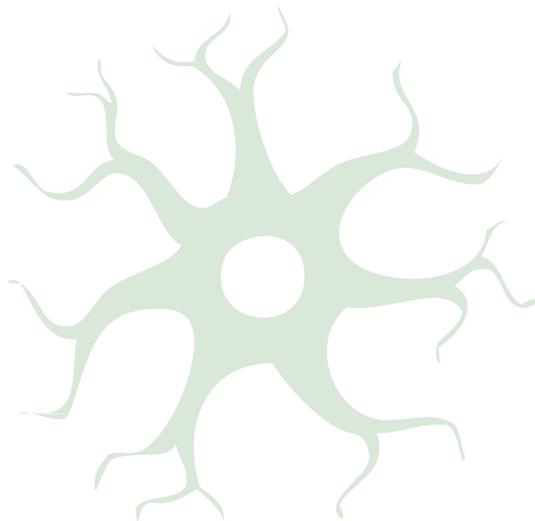
4:00 – 4:45 PM THE LEGACY OF JAN CZOCHRALSKI– FROM 1916 DISCOVERY TO TODAY'S SILICON VALLEY - CONTINUED

4:45 – 5:00 PM CONCLUSION DRAWN

Piotr Moncarz, *Chairman, US-Polish Trade Council*

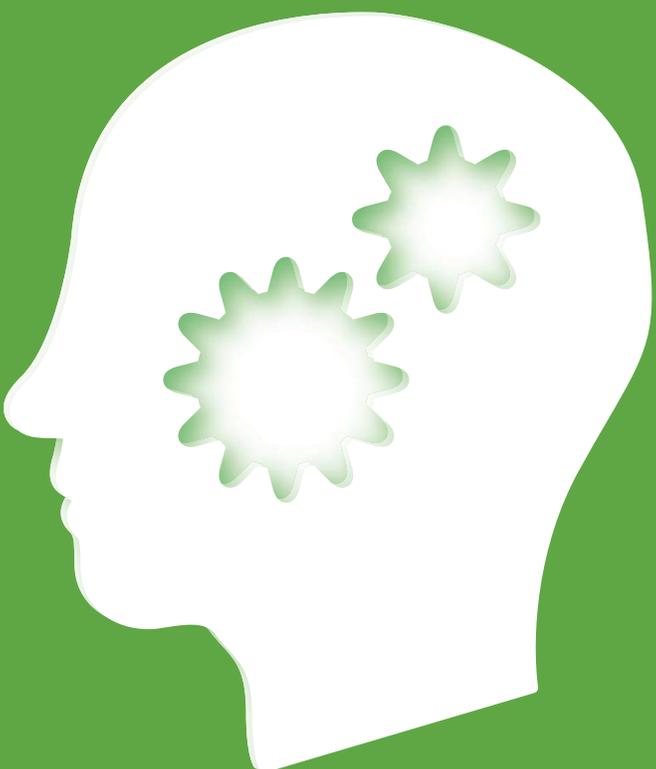
Jerzy Orkiszewski, *President, US-Polish Trade Council*

5:00 – 6:00 PM NETWORKING, BUSINESS MIXER





BIOGGRAPPHIES



OPENING CEREMONY

Jerzy Orkiszewski

*President, US-Polish Trade Council
Senior Director, Cutera Inc.*



Mr. Jerzy Orkiszewski was born and raised in Poland which he left just before defense of his Ph.D. thesis at the Warsaw Technical University. He holds an M.S. degree in Biomedical Engineering from the Warsaw Technical University, Department of Fine Mechanics

(currently Department of Mechatronics) and École Nationale Supérieure de l'Electronique et de ses Application in Cergy, France. Since 1989 he resides in California with his wife, a practicing medical doctor from Warsaw, and their daughter who after completing her medical education in Poznan, Poland practices medicine in the USA. In Silicon Valley he has been working for variety of product development biomedical device companies: Cutera, Inc., Ellex Medical, Lumenis, Inc. and Medical Group of Coherent, Inc., where he has been providing the technology and business leadership serving in various engineering, management and executive positions. Jerzy used to be on Polish national modern pentathlon team and plays classical guitar. He is also a pilot with commercial and instrument ratings. Jerzy is a contributing editor of "Przegląd Lotniczy - Aviation Review" aviation magazine in Poland. He provides to USPTC a strong link to the US biomedical technology sector.

Małgorzata Cup

*Consul for Culture, Press, Education and Polish Community
Consulate General of the Republic of Poland in L.A.*



Małgorzata Cup – graduated from the foreign Trade faculty of the Warsaw School of Economics. She spent vast part of her professional life as head of the export department of the major Polish TV station Telewizja Polska, where she was responsible for Polish films sales

worldwide. During her tenure there she also started an interesting process of formatting some of the TV series, which were then sold to other countries.

Ms. Cup has been hosting the position of consul for culture, press, education and Polish community and working for the Consulate General of Poland in Los Angeles since 2009.

OPENING CEREMONY

BIOGRAPHIES

Mark Chandler

*Director
San Francisco Mayor's Office
of International Trade and Commerce*



Mark Chandler is the Director of the San Francisco Mayor's Office of International Trade and Commerce. Mark has been a member of the Mayor's Office for fifteen years and has worked for four mayors. For the last twelve years, Mark has been responsible for the international business programs of

the City of San Francisco, including Sister City ties, trade and investment projects, trade missions, import and export promotion and international business attraction. Mark focuses on projects that require close business-community-government cooperation in order to assure that San Francisco expands its role as an international gateway and commercial center. Mark was instrumental in the founding of the SF-Ho Chi Minh Sister City program, the first US-Vietnam relationship. Mark is a member of the Golden Gate National Parks Association and Coyote Point Museum Association. He is a member of the Executive Advisory Board for the San Francisco Global Trade Council and the International Advisory Board of Sail SF. Previously he served on the Asian Business Association advisory board and the Britain Meets the Bay Board of Directors. Prior to working for the Mayor's Office, Mark spent seven years in the private sector as a Corporate Marketing Manager for U.S. Sprint and Pacific Intermountain Express. He has a BA in Economics from U.C. Davis and an MBA in International Marketing from UC Berkeley. Mark also studied Japanese Language at the Tokyo Academy of Japanese for 1 ½ years while living in Tokyo.

Jolanta Emilia Hibner

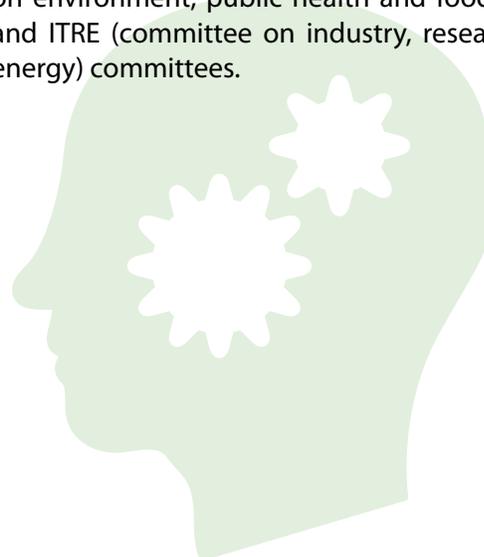
*Member of the
European Parliament*



Mrs. Hibner has a Masters Degree in Engineering in the field of Water Supply and Hydraulic Engineering from Warsaw University of Technology. Since the beginning of her career Mrs Hibner has been dealing with the environmental issues. In 1990 she took the position

of the Head of Environment Department in the Żoliborz District Office.

In 2002 Mrs. Hibner was elected Chief of the Environmental Protection Department in the Warsaw Town Hall and a year later was nominated the Chief of Investment Department in the Voivodship Fund for Environmental Protection and Water Management. In 2005, Mrs. Hibner was elected a Member of the Polish Parliament, and since 2009 a Member of the European Parliament, working in the ENVI (committee on environment, public health and food safety) and ITRE (committee on industry, research and energy) committees.



OPENING CEREMONY

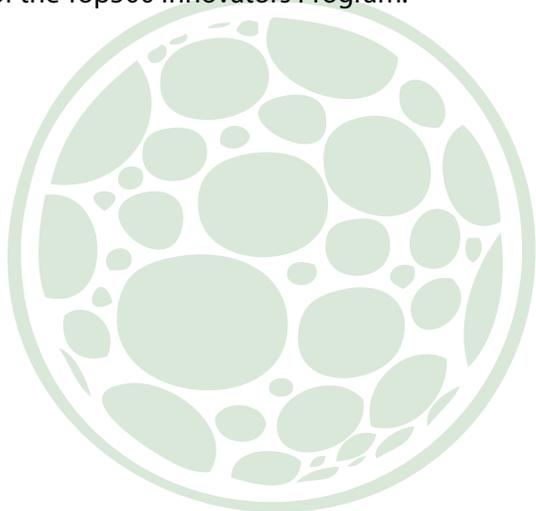
Piotr Moncarz

*Chairman
US-Polish Trade Council*



Piotr Moncarz, Ph.D., P.E., SCPM started his professional education at TGD in Poznań. Today he is a Consulting Professor at Stanford University, a Principal Engineer at Exponent, a Silicon Valley science and technology public corporation, member of Polish Academy of Science and of

Russian Academy of Technological Science, Fellow of American Society of Civil Engineers, co-founder and chairman of US-Polish Trade Council, member of the Advisory Board of Forum Obywatelskiego Rozwoju, FOR, a board member of San Francisco Global Trade Council. He is active in international business from power plant development projects, energy technologies and economics, to high-tech ventures. He is a frequent speaker in venues pertaining to stimulation to international cooperation with and investment into Polish high-tech sector. At Stanford University he is the Academic Director of the Top500 Innovators Program.



MASTERS OF CEREMONY

BIOGRAPHIES

Lukas Grabiec

Corporate Counsel
Intel Corp.



Lukas Grabiec, Esq. provides legal support to the Technology Manufacturing Group (TMG) which is responsible for all Intel factories and manufacturing globally. Lukas was most recently recognized in the legal community as the “Up and Comer” Attorney of the Year

for 2012 by the Association of Corporate Counsel and also was selected to the prestigious School for Leaders (Szkoła Liderów) program in Warsaw, Poland sponsored by the Polish Ministry of Foreign Affairs. He is heavily involved in various organizations including being the Vice-Chairman of the Arizona Bar In-House Counsel Committee, guest lecturer for the Top 500 Innovators Program at Stanford University, current Southwest Region Director and founding member of the US-Poland Trade Council (USPTC) Office, and organizer of the Polish Heritage Night in the NBA. Lukas received his Juris Doctorate (JD) from Case Western Reserve University, his MBA from École de Hautes Études Commerciales (EDHEC), a B.S. in Political Science from the University of Houston Honors College as well as a Certificate of Polish Studies from Jagiellonian University in Krakow, Poland. During law school he worked with the U.N. - Special Court for Sierra Leone and wrote briefs helping prosecute War Criminals. This UN project which was organized by Case Western, American University and the Public International Law & Policy Group (PILPG) was nominated for a Nobel Peace Prize. Lukas has been featured or interviewed by TVP Telewizja Polska, CNBC, Arizona Business Magazine, Gazeta.pl, Tygodnik Angora, FoxSports, Sport.pl, and Przegląd Sportowy.

Dominik Schmidt

QVT Financial



Dominik Schmidt, M.S.M., Ph.D., PE, has been working in the semiconductor industry for 23 years. He was at Altera working on reconfigurable logic and has worked with Sharp, TI, Cypress, and TSMC. Among many other startups, Dominik cofounded Pixel

Devices International (PDI) in 1997, one of the first companies to offer CMOS imaging chips. After PDI was acquired by Agilent, he founded Airify Communications, specializing in multi-protocol wireless chip design. After the acquisition of Airify, Schmidt was at Intel Corporation leading efforts to design the next generation of advanced wireless products. His last position at Intel was CTO of the Intel Foundry and he is now working on technology investments at QVT Financial, a top New York hedge fund. He has also worked for the Stanford Linear Accelerator and Lawrence Berkeley National Laboratory on several advanced projects, and has consulted for several large companies and startups in the mixed-signal and RF design areas. He has taught at UC Berkeley since 2000 and also teaches at Tsinghua University in Beijing and at the International Technological University where he is an adjunct professor. He is writing a graduate textbook on RF Design for Elsevier Press. Dominik is also a helicopter pilot and is a Lieutenant Commander for the US Coast Guard.

PANELISTS

Elizabeth L. Anderson

*Group Vice President for Health Sciences
Principal Scientist
Exponent*



Dr. Anderson has over 25 years of experience in working within government institutions and for corporate entities. For the U.S. Environmental Protection Agency (EPA), she co-authored the first Federal policies to adopt risk assessment and risk management

as the basis for setting health protective policies and guidelines for conducting carcinogen risk assessment. She founded and directed the Agency's Carcinogen Assessment Group and the central risk assessment programs for 10 years. Also, she has worked extensively on international risk assessment issues to address human health and ecological consequences of exposure to environmental toxicants, including for private companies, governments, the World Health Organization, and the Pan American Health Organization.

Dr. Anderson is a Fellow of the Academy of Toxicological Sciences and the recipient of Twentieth Century Distinguished Service Award, Ninth Lukacs Symposium (1999), Outstanding Service Award, Society for Risk Analysis (1997), Jerry F. Stara Memorial Award (1994), SES Bonus for Outstanding Performance, (1984), EPA Gold Medal for Exceptional Service (1978), Kappa Kappa Gamma National Achievement Award (1974), and a William Author Mattox Merit Scholarship (1962). She also continues her professional activities through memberships in American Association for the Advancement of Science; American College of Toxicology; New York Academy of Sciences; Society for Risk Analysis; and Society of Toxicology.

Jack Andraka

*Inventor
Cancer Researcher*



Jack Andraka born in 1997, is a Maryland high school sophomore who at age 15 invented an inexpensive and sensitive dipstick-like sensor for the rapid and early detection of pancreatic, ovarian and lung cancers. After a close family friend died of pancreatic cancer,

Jack (then a ninth grader) became interested in finding a better early-detection diagnostic test. He learned that the lack of a rapid, low-cost early screening method contributed to the poor survival rate among individuals with pancreatic cancer. After thinking further about the problem, he came up with a plan on a budget to put his ideas in motion. Jack is an inventor, scientist and cancer researcher. He is the recipient of the 2012 Gordon E. Moore Award, the grand prize of the Intel International Science and Engineering Fair. In addition to the Gordon E. Moore Award, Andraka also won other prizes in smaller individual categories. Andraka won a fourth-place award in Chemistry at the 2013 Intel International Science and Engineering Fair with a project focusing on a novel Raman spectrometer with real world applications. Jack plans to visit Poland, the country of his father, in September 2014

PANELISTS

Rajmund Bacewicz

Deputy Rector
Warsaw University of Technology



Graduated from the University of Warsaw in solid state physics in 1974. He obtained his Ph.D. at Warsaw University of Technology (WUT) in 1980. Postdoctoral fellowship at Solar Energy Research Institute, Golden, USA (1986-88).

Main area of research: semiconducting compounds used in photovoltaic energy conversion (chalcopyrite-like, kesterite, etc.). Characterization of the structural and electronic properties of these materials by optical spectroscopy methods: Raman scattering, luminescence, synchrotron radiation based techniques (XANES and EXAFS). He also teaches spectroscopy methods in solid state research.

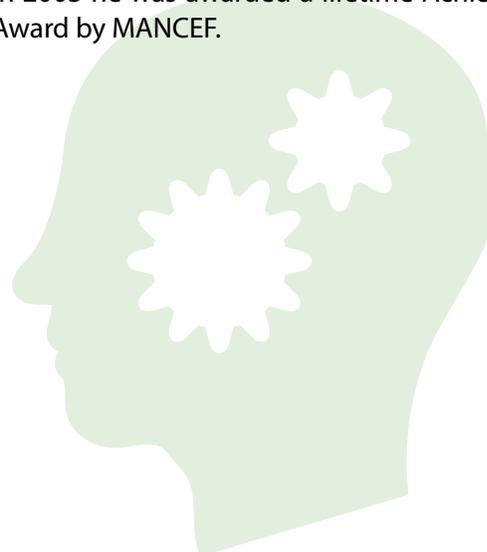
Janusz Bryzek

Vice President
Fairchild Semiconductors



Mr. Bryzek received his MSEE and Ph.D. from Warsaw University of Technology, Poland. He completed Executive Management Program at Stanford University. Janusz co-founded eight Silicon Valley MEMS companies: Sensym

(now Honeywell), ICSensors (now Elmos/MSI), NovaSensor (now General Electric), Intelligent MicroSensor Technology (now Maxim), Transparent Networks (now Intel), LVSI (now Atmel), Jyve (now Fairchild Semiconductor), and strategic marketing consulting BN Ventures. Currently Bryzek is VP Development, MEMS and Sensor Solutions at Fairchild Semiconductor, after acquisition of Jyve Inc. in November 2010. In 1989 he was recognized as "Entrepreneur of the Year" by Arthur Young. In 1994 he was awarded the Lifetime Achievement Award by Sensors Magazine for the achievements in MEMS field. In 2003 he was awarded a lifetime Achievement Award by MANCEF.

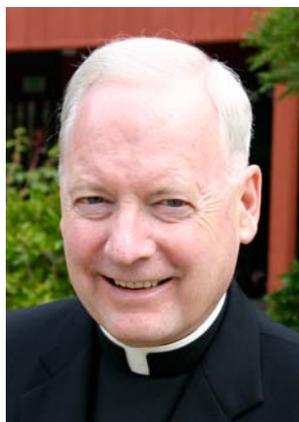


PANELISTS

Fr. Gerald Coleman

Vice President

Corporate Ethics, Daughters of Charity Health System



Fr. Coleman received his Master of Divinity from St. Patrick's Seminary in Menlo Park, California, his Master of Arts degree from the University of San Francisco, his Ph.D. from the University of Toronto, and his S.T.L. (Licentiate of Sacred Theology) from St. Mary's Seminary and

University in Baltimore. Fr. Coleman has served in various executive capacities and is a lecturer and prolific writer, contributing to various newspapers and magazines and authoring nine books. Additionally, he is actively involved with a number of boards and committees including board membership on the theological committee of the Catholic Health Association, the Marillac Insurance Company, and the RETA Insurance Company. Fr. Coleman serves as Director of Health and Health Care Services for the Archdiocese of San Francisco and is a lecturer in Moral Theology at Santa Clara University in Santa Clara, California.

In his role with the health system, Fr. Coleman educates the Local Health Ministry boards, system leadership, physicians and associates on the Religious Directives for Catholic Health Care Services. He has developed a framework for Vincentian Discernment for the Health System, a tool used for all major decisions, and plays a key role in formulating responses to ethical challenges faced by our health system. As a member of the DCHS senior leadership team, Fr. Coleman serves as a spokesperson on all bioethics issues and participates in key DCHS committees, including the Local Health Ministry Bioethics committees.

Oleg M. Demchuk

Assistant Professor

Maria Curie-Skłodowska University in Lublin



As an assistant professor at Maria Curie-Skłodowska University in Lublin Mr. Demchuk is teaching several chemistry courses as well as lead own research program. In general he is studying origins of asymmetric induction in transition metal mediated

reactions. This fundamental research enhances the understanding of fine stereochemical mechanism of organic reaction what should help to design more efficient chiral catalyst for cheaper, more efficient and environmentally beneficent industrial processes. Each chiral compound exist as one of two possible isomeric molecules (or as a mixture of those two optical isomers) which are related one to another as an object (e.g. right hand) and its mirror image (left hand). The biological and some physical properties of such optical isomers are different – one of them could be a drug but another a poison. Approximately 50% of marketed drugs are chiral. The U.S. Food and Drug Administration (FDA) policy regarding single optical isomers (enantiomers) was published in 1992. According to it, although both mixture and single optical isomeric drugs will continue to be developed, a higher proportion of single optical isomers are being submitted for new drug approval. Also chiral compounds are used as liquid crystals in LCD monitors, plant protection chemicals, as fragrances, in food industries etc.

PANELISTS

Anna Domaszewska-Szostek

Mossakowski Medical Research Centre
Polish Academy of Science



Dr Domaszewska received her Ph. D. degree in 2012 at the Department of Surgical Research and Transplantology, Mossakowski Medical Research Centre, Polish Academy of Sciences, Warsaw, Poland. She investigated the effects of cytokines and growth factors

contained in human lymph on the process of proliferation and differentiation of human skin cells and the expression of epidermal stem cells.

Since 2012, dr Domaszewska has been a postdoctoral research associate at the Department of Human Epigenetics, Polish Academy of Sciences, Warsaw, Poland. Her professional interests are focused on stem cells, aging, and epigenetics.

Furthermore, she is also an art history graduate from the Wroclaw University, Poland.

Oreste Donzella

Senior VP
KLA-Tencor



Oreste Donzella serves as the Sr. Vice President and General Manager of the SURFSCAN division at KLA-Tencor. In this position, Oreste is responsible for the unpatterned wafer inspection and geometry business, overseeing new product development, sales

and marketing activities, customer support, and, ultimately, division financial performance (P&L).

In November 1999, Oreste joined KLA-Tencor as a product marketing manager, and held various management positions within marketing and application engineering teams across different product divisions. Oreste has been in the current role since January 2013. Before his current responsibility, he was the General Manager of SWIFT division and, under his tenure, KLA-Tencor has significantly grown its presence in the macro inspection market segment for front-end semiconductor fabs.

Oreste brings 20+ years of experience in the semiconductor industry. Prior to joining KLA-Tencor, he spent more than six years at Texas Instruments and Micron Technology, holding engineering and management positions in the process integration and yield enhancement departments.

Oreste earned his Master of Science degree in electrical engineering from La Sapienza University in Rome, Italy.

PANELISTS

Lech Dzienis

*Professor and Rector
Białystok University of Technology*



Prof. Dzienis received a master degree in 1976 at the Faculty of Civil Engineering from Lodz University of Technology where he worked till 1983. The same year he was awarded a doctors degree from Moscow Institute of Civil Engineering. He obtained a title of full professor in technical

sciences in 2007 from Wroclaw University of Technology.

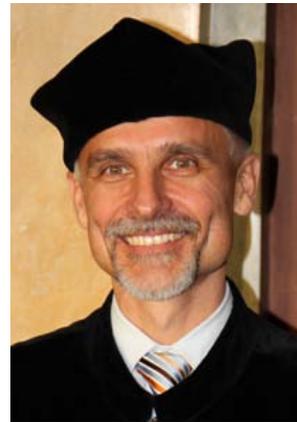
Prof. Dzienis held many scientific internships abroad and acquired experience at Moscow Institute of Civil-Engineering (Soviet Union), University of South Florida (USA) and University of Connecticut (USA).

Lech Dzienis has designed more than 100 sewage treatment plants and water-supply and sewage systems. Among them 50 treatment plants were made according to his own system SBR BIOGEST. He is a pioneer in Poland in implementing three autoheated aerobic sludge digestion instalations and three innovative odour-control systems for sewage treatment plants.

Prof. Dzienis is also an author of many academic publications, among them 45 monograph works, 55 articles and papers, 1 monograph book and 2 academic books, as a co-author over 20 scientific-research publications.

Adam Januszko

*Deputy Director
Military Institute of Engineer Technology
in Wroclaw*



Adam Januszko, graduated from the Military University of Technology in Warsaw in 1990. In 1999, he completed his Ph.D. in Physical Chemistry from Wroclaw University of Technology. Mr. Januszko is author of 40 papers (6 patents) on liquid crystals and applied optics.

From 2003 to 2008 prof. Januszko spent at Vanderbilt University in Nashville, Tennessee, beginning in the post-doc position, then transitioning to Research Associate and Assistant Professor. He was working on new liquid crystalline materials for electro-optical and nuclear radiation sensory applications. In 2008 after returning back to Poland, he was appointed to the position of the Head of New Technologies Group at the Military Institute of Engineer Technology in Wroclaw, and from 2013 he is appointed as a Deputy Director. He is also taking Associate Professor position at the Military University of Technology in Warsaw. He is leading a consortium which innovates and deliver new technologies for the Polish Army such as multispectral camouflage, passive and active. Recently, the consortium signed a MOD for the camouflage delivery to the US Army. Now he is working on prototype of adaptive camouflage technology and electro-optic X-ray radiation converter.

PANELISTS

Leif Jensen

Senior Silicon Scientist

Topsil Semiconductor Materials A/S, Denmark



More than 25 years of experience in developing silicon wafer products for the semiconductor industry, and background in electronic engineering.

Current position is finding emerging new technologies and create new

business

Franklin Pitcher Johnson

Founder

Asset Management Co.



Mr. Franklin Pitcher ("Pitch") Johnson was co-founder in 1962 of Draper and Johnson Investment Company, venture capital company, and became an independent venture capitalist in 1965 as the founder of Asset Management Company. Asset Management

Company has made over 250 venture investments during its more than 47 years of operation. These have included Amgen, Applied Bio Systems, Applied Micro Circuits, Conductus, Hybritech, IDEC Pharmaceuticals, Octel, Qume, Red Brick Systems, Remedy, Sierra Semiconductor, Tandem Computer, Teradyne and Verity.

He is a past director of the National Venture Capital Association, a past president of the Western Association of Venture Capitalists, and was a trustee of the Foothill-De Anza Community College District for 12 years. He also taught a class in entrepreneurship and venture capital at the Stanford Graduate School of Business for 12 years. He has served as an advisor to several eastern European countries since 1990 in the area of entrepreneurship and privatization, and has helped form venture funds in several countries. He is active in educational and cultural affairs and served as chairman of the board of San Francisco Opera from 1999-2008.

Pitch has a BS in Mechanical Engineering from Stanford University and an MBA from the Harvard Business School.

PANELISTS

Martin Kawalski

*Co-Founder, Medical Director
WiseMed Co Ltd.*



Martin Kawalski is a physician who works at the intersection of clinical research and medical entrepreneurship. He is the chief innovation officer of Poland's leading, private ENT hospital.

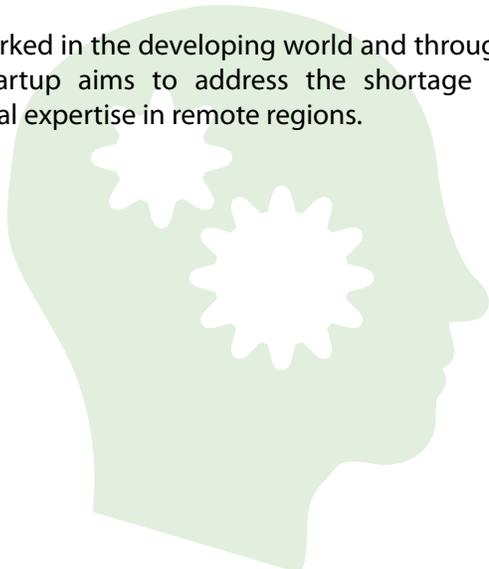
His educational background includes an M.D. and a Ph.D.

degree from Medical University of Silesia. His Ph.D. dissertation focused on measurements of human sleep physiology.

Martin is keen on disseminating healthcare innovation for which he received scholarships from Singularity University, NASA Ames and the European Space Agency - International Space University.

Through his work at the Medical Innovation Lab he aims to facilitate the transfer and distribution of life-improving technologies.

He worked in the developing world and through his startup aims to address the shortage of medical expertise in remote regions.



Robert Klein

*Head of California Institute
for Regenerative Medicine*



Robert Klein is President of Klein Financial Corporation, a company that designs and implements innovative solutions for affordable housing mortgage financing. Klein Financial Corporation acts as a development managing partner or as a development

and finance consultant, assisting its clients with new construction, acquisition and rehabilitation of affordable multifamily and mixed-use developments. More than \$5 billion in financing has been arranged by Klein Financial for its projects or those of its clients. Throughout its history Klein Financial also has served as a financial advisor to state and regional public entities.

Additionally Bob serves on the Board of Directors of the International Juvenile Diabetes Research Foundation and on the Board of the Global Security Institute, dedicated to reducing the global risks from nuclear weapons. He was appointed in 2007 to the Board of Genome Canada, a Canadian government genomic and proteomic research agency. He was co-chair of the Stem Cell and Regenerative Medicine Working Group of the Canada-California Strategic Innovation Partnership, the working group which initiated the Cancer Stem Cell Consortium in Canada, a strategic partner of the California Institute for Regenerative Medicine.

PANELISTS

Krzysztof Kulesza

Healthcare Solutions Director
Data Techno Park



Krzysztof Kulesza is Healthcare ICT Services Director in Data Techno Park (Wroclaw, Poland). He is responsible for development of a Healthcare Cloud Platform and implementation of new applications in SaaS model. Krzysztof has 15 years of Healthcare

IT experience. Prior to coming to Data Techno Park, he was Business Development Director Healthcare Poland at Oracle, Sales Manager at Biatel, Polish system integrator, and Head of IT Department in National Health Fund branch, Polish national healthcare payer. He took part in creation of several Polish regional e-Health systems, and National Health Fund IT system.

Wanda Lopuch

Chair of the Board
Global Sourcing Council



Dr. Wanda Lopuch's unique combination of entrepreneurial drive, global mindset, multi-cultural and multi-language executive skills, and expertise in corporate social responsibility have been critical in allowing her to successfully exploit growth opportunities in technology,

pharmaceuticals, biotechnology companies as well as in the not-for-profit sector. In doing so, dr. Lopuch advocates and practices conscious capitalism principle of profit with purpose.

Wanda Lopuch leads MDA Associates, Inc., global consultancy, which focuses on mitigating social risks in global operations and their supply chains, while improving economic and social outcomes. With 20 years of experience in telecommunication and pharmaceutical sectors, spanning across the United States, Europe, East Asia, and South America, Wanda guides international teams in maximizing performance for multinational, multicultural and multifunctional project groups.

Prior to establishing MDA Associates Inc., Dr. Lopuch was the President of Medical Data Management Inc., the company she founded and grew into a multi-million dollar business with locations in 7 countries. After a successful acquisition of Medical Data Management by Dendrite International.

Wanda Lopuch holds a Ph. D. in Administration and Supervision from Marquette University, Milwaukee, WI, and MS in Computer Sciences from University of Technology of Wroclaw, Poland.

PANELISTS

Zheng Lu

*SunEdison Fellow
Crystal R&D*



Dr. Zheng Lu is a SunEdison Fellow of the Semiconductor R&D organization at SunEdison (formerly known as MEMC) where he has worked for more than 16 years. In this position, Zheng is responsible for the research and development of semiconductor silicon crystal

technologies, processes and products, including the latest 300mm and 450mm products.

Zheng graduated with a B.S. degree in Physics from Nanjing University at Nanjing, China and with a Ph.D. in Physics from University of Arkansas at Fayetteville. Dr. Lu authored and co-authored 23 publications, US patents and patent applications.

Stefan Madajewicz

*Professor Emeritus Medicine
Stony Brook University Medical School, Cancer Center*

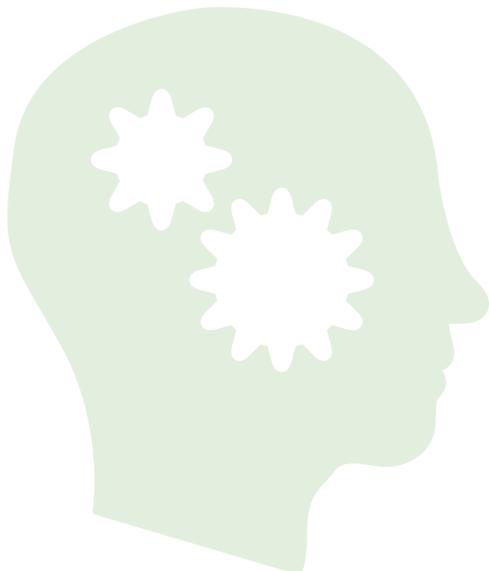


Stefan Madajewicz, M.D., Ph.D. is the Professor Emeritus Medicine at Stony Brook University Medical School, Cancer Center, in Stony Brook New York.

Graduate of Warsaw Medical School, Poland, he has spend almost 50 years as

oncological clinician and researcher in both Poland (Maria Sklodowska-Curie Cancer Institute, Warsaw, Poland) and in various centers in the US: (Roswell Park Memorial Cancer Institute, Buffalo, N.Y; Florida State University, Jacksonville; State University of NY at Stony Brook, N.Y.). In 1983 he published of one of the first world publications on combination of 5-Fluorouracil/Leucovorin in chemotherapy of metastatic colorectal carcinoma. That chemotherapy remains as one of the standard treatment 30 years later.

For over a decade Stefan Madajewicz was the Chief and Professor Division of Oncology, SUNY at Stony Brook, N.Y, and the Director of Cancer Clinical Trials, Cancer Center at Stony Brook, N.Y. He is the author and co-author of several publications on chemotherapy of GI and brain malignancies (intracarotid).



PANELISTS

Daniel Maksym

*Head of the Department for Higher Education
Infrastructure Development
The National Centre for Research and Development*



Since September 2011 Daniel Maksym has been working at the National Centre for Research and Development (NCRD) managing the Department for Higher Education Infrastructure Development. He is responsible for implementation of infrastructure

projects covered by the EU Structural Funds as well as for programs that support knowledge transfer from science to economy. In his portfolio are such initiatives as GO_GLOBAL.PL and DEMONSTRATOR+.

Prior to joining NCRD, since June 2008, he worked as a deputy director at the Ministry of Science and Higher Education, the Department of European Funds and the Department of Higher Education Financing.

Earlier in 2002, he worked at the Ministry of Finance holding different positions related to control of internal finance and audit. From September 2004 till July 2007 he was a director at the Department of Coordination of Financial Control and Internal Audit.

Daniel Maksym hold a degree in Law from the Maria Curie-Skłodowska University in Lublin. He is also a graduate of the National School of Public Administration in Warsaw.

Arthur Mrozowski

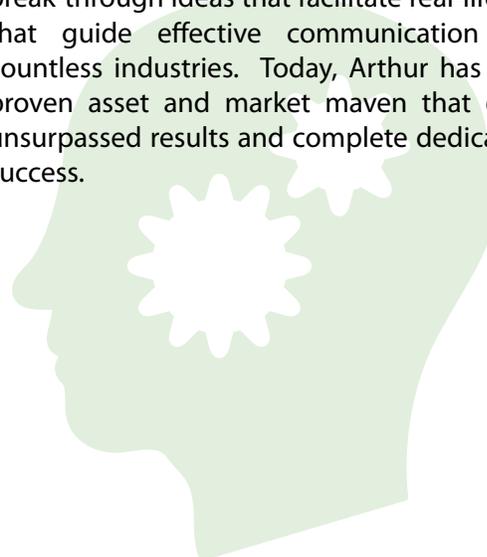
*Managing Partner
Silicon Hill Ventures*



Arthur Mrozowski has been instrumental in leading the foundations and developing key technologies since the late 1980s. Always on the forefront of innovative, disruptive advancements, Arthur's expertise is ever expanding with the adaptation and integration from

many cutting-edge technologies. These include media creation and distribution, implementation of advanced advertising platforms, utilizing and using concrete big data analytics as well as life sciences.

Arthur has successfully created, managed and consulted a profusion of prosperous and fruitful companies that encompass the globe. His noble efforts in technology and business start-ups are borderless and incorporate technologies that are global. Arthur continues to devise and conceive break-through ideas that facilitate real-life needs that guide effective communication across countless industries. Today, Arthur has been a proven asset and market maven that delivers unsurpassed results and complete dedication to success.



PANELISTS

Zbigniew Nawrat

*Director
Foundation of Cardiac Surgery Development*



Zbigniew Nawrat is a theoretical physicist by training (University of Silesia Degree in 1984), who focused his career on medicine (Doctorate of Medical Academy of Silesia in 1997). He is an author of pioneer researche in artificial organ domain, especially heart valve

prostheses and blood pumps. Polish ventricular assist device POLVAD was first clinically applied in 1993. He is the father of cardiac surgery robot Robin Heart - which is a first Polish and European telemanipulator for heart surgery. He is also a pioneer of applying computer simulations to surgical planning process. Zbigniew Nawrat works at the Medical University of Silesia (Department of Cardiosurgery and Transplantology), where he teaches a unique lecture: "Artificial Organs." His other affiliations include: Foundation of Cardiac Surgery Development, where is the manager and creator of the Laboratory of Biocybernetics, Director of Institute of Heart Prostheses and scientific director "ProCordis" Centre of Excellence, owned by the Foundation of Cardiac Surgery Development. He is a member of Biomechanics section of Polish Academy of Sciences and organizer of many conferences and workshops e.g. BioMedTech Silesia or Medical Robots. He founded the International Society for Medical Robotics in 2010.

Gerardo Noriega

*Managing Director
GVMED*



Mr. Noregia is a serial entrepreneur, inventor and scholar in the Medical Device Industry. He is the Founder of three medical devices companies and consultant to over 30 companies in the Silicon Valley.

As a serial entrepreneur, he identifies unmet clinical needs, assesses in new business opportunities worldwide and develops new technologies with strong Intellectual property rights. His hands-on experience resides in bringing new technologies from inception to full commercialization under the "Vision and Execution" type of approach.

Their unique close proximity to Silicon Valley provides a wealth of opportunities for innovation like no other place in the world. He is always on the quest for the next frontier to improve clinical therapies and reduce healthcare cost.

PANELISTS

Andrzej Pawlak

President
VortexLOG



Andrzej M. Pawlak, Ph.D., (Fellow IEEE), was born and educated in Poland. He obtained his M.S. in 1971 from the Technical University of Poznan. He did postgraduate study at the Warsaw University of Technology and obtained his Ph.D. in electrical engineering

in 1981 from the Silesian University of Technology, Gliwice. His years of engineering and technology experience stem from his work at the Hitachi Poland and Japan manufacturing plants and his 28 years of R&D work on electromechanical and electromagnetic devices at General Motors and subsequently Delphi, all of which contributed to his solid background of industrial expertise. His works on stepper motors, magnetic sensors, rotary actuators, and fast acting solenoids are frequently cited worldwide. Most of Professor Pawlak's 50 scientific publications and over 100 patents are related to sensors and actuators. His book *Sensors and Actuators in Mechatronics* published by Taylor and Francis in July 2006, is the culmination of his research findings and award-winning solutions for industrial applications over the last 20 years. The book has been accepted as a student's textbook by several universities around the world and is going to be issued in Chinese language. A number of them have found industrial applications in mechatronic systems with significant scientific, engineering, and economical impact on the automotive industry and beyond, with tremendous overall business value exceeding 5 billion dollars to Delphi and General Motors. Professor Pawlak was honored

Barbara Petersen

Principal Scientist, Chemical Regulation
and Food Safety
Exponent



Dr. Barbara Petersen is a Principal Scientist in Exponent's Health Sciences Center for Chemical Regulation and Food Safety. Dr. Petersen is internationally recognized for her expertise in exposure/risk assessment methodology, functional food

safety and efficacy evaluations, nutrient intakes, fatty acid metabolism, food additives, food consumption profile modeling, and applications of Monte Carlo techniques to risk assessments for chemicals including contaminants, pesticides, and nutrients.

Dr. Petersen is also a specialist in addressing regulatory issues involving exposure and risk assessments including FDA, EPA, EFSA, and other International and California issues. She has provided specialized expertise in developing compliance procedures for foods derived from modern biotechnology (GMOs), heavy metals in toys, dishes, contaminants in food and other consumer products (dioxins, fumonosins, heavy metals, etc.).

Dr. Petersen served on the EPA Science Advisory Board's Integrated Exposure Committee and as an Expert Advisor to WHO/FAO for several sessions of JECFA, the ad hoc Committee on Foods Derived from Modern Biotechnology (beginning in 2000), and the FAO/WHO CODEX Working Group on Allergenicity of the Ad Hoc Task Force on Foods Derived from 09/13 Biotechnology (Vancouver, Canada, Sept. 2001 FAO/WHO CODEX and for numerous consultations on risk assessment.

PANELISTS

Waldemar Priebe

*Professor of Medicinal Chemistry
University of Texas MD Anderson Cancer Center*



Dr. Priebe's research merges biology with chemistry and focuses on the design and development of drugs that selectively target DNA and inhibitors of signaling and metabolic pathways important to tumor progression and survival. He has a long term interest in the field of

carbohydrates ranging from organic chemistry of carbohydrates to the exploitation of carbohydrate metabolism in normal cells and cancer cells.

Dr. Priebe is noted for his successful development of new therapeutic entities for the treatment of cancer. During his career, he has generated an extensive library of distinct, novel cancer-fighting compounds (numbering in the thousands) covering many structural scaffolds and diverse therapeutic areas. The invention of these agents has led to many patents and numerous licenses. Three of his drugs are in clinical trials and several others are in different stages of preclinical development.

In addition to his position at M. D. Anderson, Dr. Priebe holds the title of Professor of Chemistry in the Republic of Poland.

Dr. Priebe has published more than 170 peer-reviewed journal articles and his work has led to 40 patents. Additionally, he has organized at least 14 national and international conferences and been an invited lecturer on more than 130 occasions.

Zbigniew Radzimski

*VP of Sales
WRS Materials*



Dr. Zbigniew Radzimski has over 30 years of experience in managing Research and Development activities in universities, major and secondary tier suppliers of silicon wafers with focus on development and sale of new products and processes. He graduated from the

Technical University of Wroclaw, Department of Electronics in Poland in 1973 and received a Ph.D. from the same department in 1976. In 1996 he joined the Department of Materials Science and Engineering at North Carolina State University where he was engaged in various projects related to structural, chemical and electrical characterization of semiconductor materials. The majority of the work was concentrated on defect control and engineering in silicon. He joined SEH America in 1997 where as the Director of the Customer Interface Group his primary focus was on development and technical/sales support of Silicon wafer product for advanced microelectronics applications. In December 2004 Dr. Radzimski joined Silicon Quest International as Executive VP for Technology and Product Development and later president since 2006. Since 2008, as independent consultant, Dr. Radzimski has been engaged with several silicon and solar start-up companies focusing on CZ growth of large diameter crystals, cost effective solution for solar applications and quality management system. In 2012, he joined WRS Materials as VP of Sales focusing on expanding its business to new emerging products and technologies. Dr. Radzimski authored (and co-authored) more than 120 scientific publications and patents.

PANELISTS

Marcin Szumowski

Nencki Institute of Experimental Biology



Marcin Szumowski graduated from the University of Illinois with MSc and PhD degrees (in atmospheric physics) and also earned an MBA (in entrepreneurship and international finance). Following a successful research career in the US, since 2000 he have

been involved in technology transfer and set up several start-up companies, including a 2005 high technology start-up (www.medicalgorithmics.com). During 2005-2009, as its President & CEO, dr Szumowski has raised over 8M PLN private and public funds and was responsible for business development with two products cleared for marketing in Europe (CE mark, 2008, 2009) and USA (FDA 510k approval, 2009). Currently Medicalgorithmics SA (www.medicalgorithmics.com) is a publicly traded company on the Warsaw Stock Exchange with the current market cap over 120 million USD and high percentage of export sales (primarily to the United States). As the head of international relations and project management office at the Nencki Institute of Experimental Biology (as of 2014 on an extended leave of absence) he has been involved in preparation and management of more than 40 R&D and investment projects with a combined budget of over 200 million euro. Recently dr. Szumowski has been engaged in organizing a bio-tech-med cluster around a 100 million euro Center for Preclinical Research and Technology (CePT) project engaging three largest Warsaw universities and seven Polish

Soody Tronson

*Founder and Director
STLGip*



Soody Tronson, M.S., J.D., is the principal at STLGIP, a boutique Silicon Valley Intellectual Property firm counseling domestic and international entrepreneurs, investors, government agencies, and organizations as well as early stage and

larger more established companies, in intellectual property matters (patents and transactions) in a wide range of industries including life sciences, software and business methods, medical devices and diagnostics, high technology, and consumer products.

She is a seasoned executive with over 25 years of experience combining law, science, engineering, and business management in start-ups and established environments. Prior to starting her firm, she practiced law as IP Counsel at Silicon Valley offices of prominent national law firms as well as IP Counsel at the Hewlett-Packard Company, and was Vice President of Intellectual Property and General Counsel at a successfully acquired medical device company. Before starting her legal career, she spent over ten years in the industry holding technical and management positions at companies such as Hewlett-Packard and Schering-Plough. Soody is licensed to practice before the State of California and the U.S. Patent and Trademark Office. She is on the board of several professional and social non-profit organizations, is a frequent lecturer at domestic and international forums, and instructs courses in IP and licensing at the University of California and Stanford University.

PANELISTS

Kazimierz Witaszek

Silesian University of Technology



Dr. Witaszek is an author of over 50 scientific publications and conference papers.

His research interests are machine design and maintenance, metrology, friction and wear of materials. He developed neural network wear model of spheroidal

graphite cast iron. Dr. Witaszek studied friction and wear of electrical connectors during multiple connecting and disconnecting. He has over 15 years experience in designing electronic measuring equipment. His recent designs are connected with measurements of human muscle forces.

He teaches Materials Engineering, Methods of Repair and Regeneration, Tribology, Car Supplies and Service, Vehicle Diagnostics at the Silesian University of Technology.

Tom Zioncheck

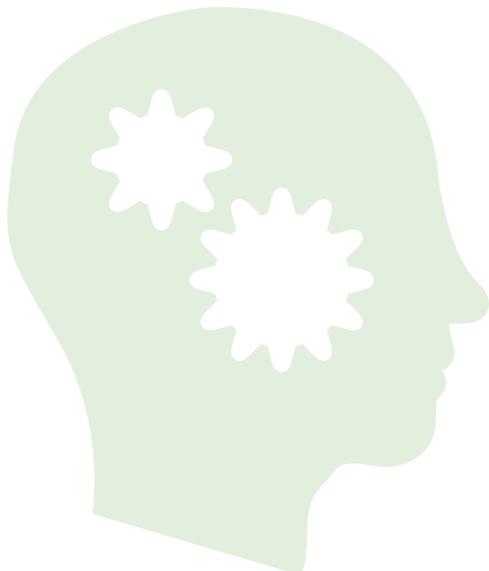
*Director Business Development
Genentech Inc.*



Dr. Tom Zioncheck is a Senior Director in Business Development at Genentech. He is responsible for sourcing and in-licensing opportunities in the areas of Ophthalmology, Neuroscience, Cardiovascular and Metabolic Disease.

Tom started his career at Genentech as a Postdoctoral Fellow in 1988. He was hired as a Genentech Scientist and was subsequently promoted into roles of increasing responsibility including Senior Scientist and Project Team Leader. He has made numerous drug development contributions, co-authored 30 scientific papers and is co-inventor of six patents. Dr. Zioncheck has served as Chair for the American Association of Pharmaceutical Scientists (AAPS) Biotech Section and is currently an Adjunct Professor in the School of Pharmacy and Health Sciences at the University of the Pacific.

Dr. Zioncheck earned his B.S. degree in Chemistry from the State University of New York at Oneonta and his Ph.D. in Biochemistry from Purdue University.



PANELISTS

BIOGRAPHIES

Marek Żywno

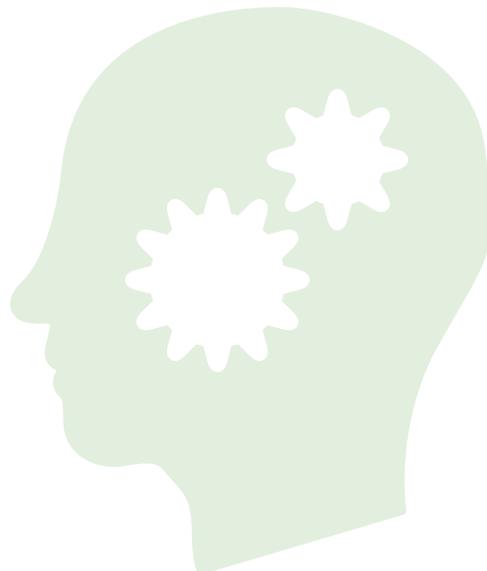
President

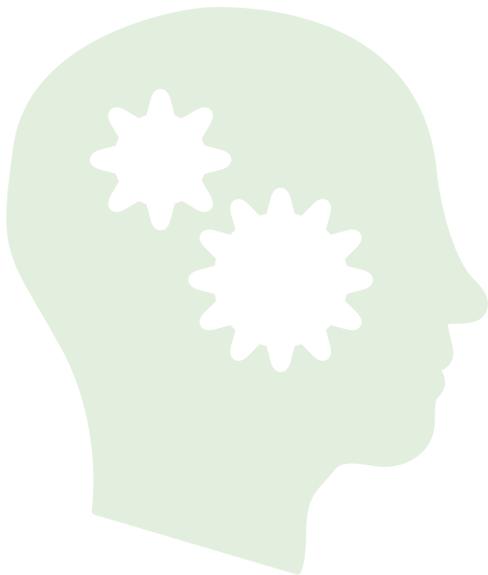
Polish American Engineers Club of Silicon Valley



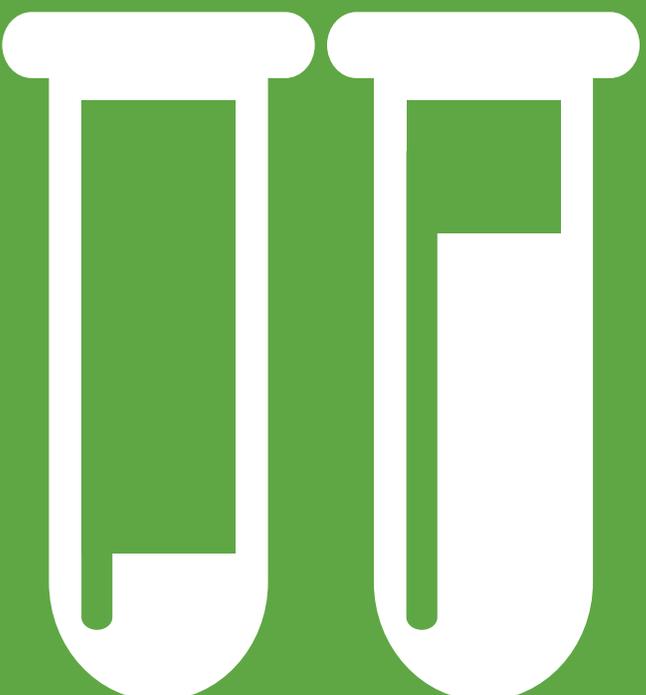
Marek Żywno is President of Polish American Engineers Club of Silicon Valley. As Director of Technical Programs at KLA Tencor he led development of electron beam platforms for inspection and lithography, involving nanometer level

metrology, precision mechanics, optics, vacuum technology, air bearings, stages, and many other devices enabling the tight control of modern semiconductor processes. He is also a sailor, and Rear Commodore of Yacht Klub Polski San Francisco.





JAN CZOCHRAŁSKI



The man who made IT possible: Unknown silicon grower Czochralski gets year of celebrations

Summary: Jan Czochralski, who invented the process of growing single crystals, is the subject of events to mark his birthday in his Polish homeland.

By Michiel van Blommestein for Central European Processing | October 23, 2013

His name may be almost impossible to pronounce for non-Polish speakers, but without Jan Czochralski, IT as we know it would not exist.

Wednesday is the birthday of the chemist and metallurgist who, among other things, invented a process for growing single crystals.

Even in his native Poland, Czochralski (who lived from 1885 to 1953) is virtually unknown among the general public. He is, however, the most cited Polish scientist in the world. To mark the 60th anniversary of his death, 2013 has been declared Czochralski Year by the Polish government.

His Czochralski Process, which he discovered by accident in 1916, has proven vital for IT as we know it today.



“His discovery allows for laboratory growth of large, single clear crystals of exceptional quality,” said Piotr Kosso-budzki, vice-chairman of the Polish Association of Science Journalists, and one of the main organisers of the Czochralski Year.

“This allows for the growth of silicon crystals measuring 2m by 0.5m within 30 to 48 hours. The silicon is chipped off in very thin sheets, which are used in transistors and for the production of microprocessors.”



The natural growth process would take much too long and is limited to very small sizes of crystals, making it unviable for industrial production of electronics. The resulting crystals would also be too contaminated for real-world use, Kossobudzki said, while the level of miniaturisation that can be achieved today would be impossible to attain naturally.

“Basically, computers would still be the size of an entire room, instead of the palm of your hand,” he said.

That’s only one example of the importance of the Czochralski Process, since crystals of various materials are used for a range of other purposes. “A laser is also focused using a crystal. Those crystals are also grown and harvested using the Czochralski method,” Kossobudzki said.

And it’s not only crystals that Czochralski worked on: “He made discoveries in metallurgy used for the development of wheels that allowed trains to go much faster than before.”

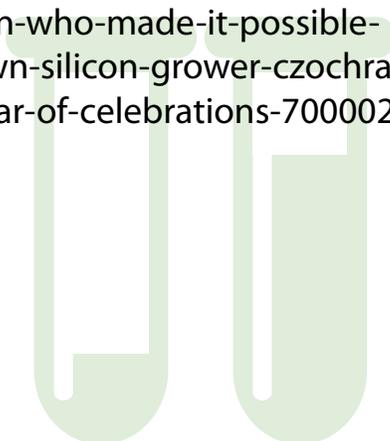
That Czochralski is not very well known compared to the greatest name in Polish

science, Marie Curie-Sklodowska, is not only due to the highly specialised areas he worked in.

He spent most of his scientific career in Germany, between 1900 and 1928, and made his most important discoveries there. During the war, when he worked at the Technical University of Warsaw, he developed an easily manufacturable grenade for the Polish resistance.

After the war, he was marginalised by the communist government in Poland for working in Germany, and spent his last years running a small cosmetics firm.

Source: <http://www.zdnet.com/the-man-who-made-it-possible-unknown-silicon-grower-czochralski-gets-year-of-celebrations-7000022340/>





ORGANIZERS



US-POLISH TRADE COUNCIL

The US-Polish Trade Council (USPTC) was formed in 2002 to promote presence of Polish high technology and science institutions and corporations in California, and especially in the Silicon Valley, and so increase cooperation and trade between the United States and Poland.

Our Mission

The US-Polish Trade Council seeks to be your science and innovation technology bridge for building business relationships between the U.S. and Poland. To that goal, the USPTC works in partnership with a network of Polish and American organizations, including: corporate, academic and government entities.

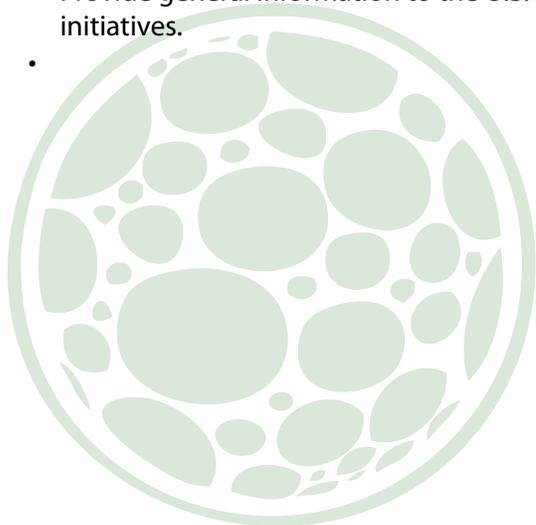
The US-Polish Trade Council has built this trans-Atlantic bridge to:

- Encourage innovative Polish enterprises to buy more from and sell more to U.S. enterprises,
- Encourage innovative U.S. enterprises to buy more from and sell more to Polish enterprises,
- Encourage all forms of corporate, private and governmental investment into Polish enterprises,
- Develop stronger scientific and commercial ties between Poland and the U.S.

What we do

The US-Polish Trade Council can provide the following services:

- Provide potential investors and business leaders on both sides of the Atlantic guidance, advice, and personal connections;
- Contact database of Polish and Polish-American business leaders;
- Facilitate meetings with Polish and American business leaders;
- Organize trade and investment promotion activities, trade shows, symposiums, conferences, panels, both bilateral US-Polish and multinational;
- Promote Poland as an attractive economic destination to business leaders in Silicon Valley/San Francisco;
- Promote Silicon Valley/San Francisco as an attractive market and partnership venue for Polish enterprises;
- Facilitate exchange of ideas and programs between scientific institutions in the U.S. and Poland;
- Provide general information to the U.S.-Polish business community on opportunities and initiatives.
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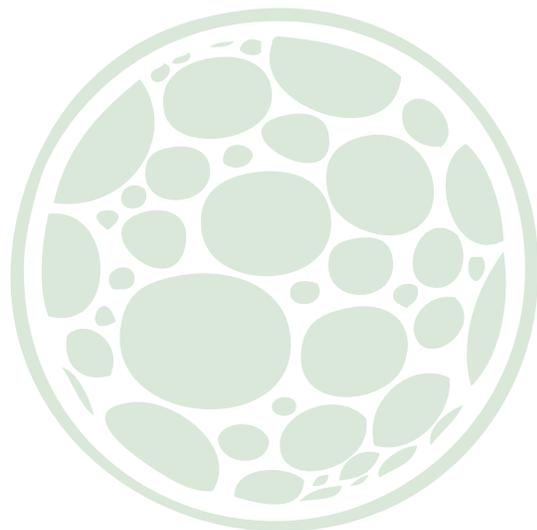


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ORGANIZING COMMITTEE

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- **Bartosz Michalak**
- **Piotr Moncarz**
- **Arthur Mrozowski**
- **Jerzy Orkiszewski**
- **Mariusz Tomaka**
- **Caria Tomczykowska**
- **Marek Żywno**



ORGANIZERS







The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry, no matter how small, should be recorded to ensure the integrity of the financial data. This includes not only sales and purchases but also expenses, income, and any other financial activities.

The second part of the document provides a detailed overview of the accounting cycle. It outlines the ten steps involved in the process, from identifying the accounting entity to preparing financial statements. Each step is explained in detail, with examples provided to illustrate the concepts.

The third part of the document focuses on the classification of accounts. It discusses the different types of accounts, such as assets, liabilities, equity, and income, and explains how they are used to record and summarize financial transactions.

The fourth part of the document covers the process of journalizing and posting. It explains how transactions are recorded in the journal and then posted to the ledger. This process is essential for maintaining the double-entry system and ensuring that the books are balanced.

The fifth part of the document discusses the preparation of financial statements. It explains how the data from the ledger is used to create the balance sheet, income statement, and statement of owner's equity. Each statement is described in detail, and its purpose is explained.

The sixth part of the document covers the closing process. It explains how the temporary accounts are closed to the permanent accounts at the end of the accounting period. This process is necessary to reset the temporary accounts for the next period and to update the permanent accounts.

The seventh part of the document discusses the importance of adjusting entries. It explains how these entries are used to ensure that the financial statements reflect the true financial position of the company at the end of the period. Examples of adjusting entries are provided.

The eighth part of the document covers the process of reconciling the books. It explains how the company's records are compared to external records, such as bank statements, to ensure that they agree. This process is essential for identifying and correcting errors.

The ninth part of the document discusses the importance of internal controls. It explains how these controls are used to prevent and detect errors and fraud. Examples of internal controls are provided.

The tenth part of the document covers the final steps of the accounting process, including the preparation of the final financial statements and the closing of the books. It emphasizes the importance of accuracy and transparency in all aspects of the process.