KAWA SKA Spółka z o.o.
e-mail: kawaska@kawaska.pl http: www.kawaska.pl

Zalesie Górne 23.04.2014 r.

Szanowni Państwo

Firma KAWA.SKA Sp. z o.o. we współpracy z Texas Christain University i Uniwersytetem Marii Curie-Skłodowskiej w Lublinie oraz firmą PicoQuant GmbH pragnie zaprosić na Seminarium poświęcone:

Czasowo-rozdzielczej spektroskopii fluorescencyjnej.

W ramach seminarium, które odbędzie się w dniu 3 czerwca 2014 r., zostaną wygłoszone 4 wykłady:

10:00	Prof. Zygmunt Gryczyński *Texas Christian University, University of North Texas, USA*	Analytical and Biochemical Application of Steady-State and Time-Resolved Fluorescence. Practical Examples of Simultaneous Measurements of Emission Spectra and Fluorescence Lifetimes.
11:00	Uwe Ortmann *PicoQuant GmbH, Germany*	Hardware and Software for time-resolved spectroscopy: From single components to complete systems with application wizards.
12:00	Przerwa	
13:00	Prof. Wiesław Gruszecki *Uniwersytet Marii Curie-Skłodowskiej w Lublinie*	Fluorescencyjne badania fotosyntetycznych kompleksów barwnikowo-białkowych (Photosynthetic pigment-protein complexes studied with application of fluorescence techniques)
14:00	Prof. Zygmunt Gryczyński *Texas Christian University, University of North Texas, USA*	New Directions in Fluorescence Probe Development. Applications to Ultrasensitive Detection/Diagnostics and Imaging.

Seminarium będzie miało miejsce w siedzibie firmy KAWA.SKA Sp. z o.o. na ul. Technicznej 5 w Piasecznie k/Warszawy.

Z poważaniem
Marian Kawczyński
Prezes Zarządu

Zygmunt (Karol) Gryczynski, Ph.D. ***"Tex" Moncrief Jr. Chair & Professor of Physics, Dept. of Physics and Astronomy, Texas Christian University & Director and Professor, Center for Fluorescence Technologies and Nanomedicine (CFTN) Dept. of Molecular Biology and Immunology, University of North Texas, Health Science Center.***

Dr. Zygmunt Gryczynski received his M.S. in experimental physics in 1982 from the University of Gdansk and Ph.D. in spectroscopy in 1987, working on the basic spectroscopic studies of isotropic and oriented systems of organic molecules. In 1991 he become a Research Assistant Professor in the Department of Biochemistry and Molecular Biology, University of Maryland and 1998-2005 he was an Assistant Director in the Center for Fluorescence Spectroscopy at the University of Maryland. From 2005 he is a Professor of Molecular Biology and Immunology at the University of North Texas Health Science Center at Fort Worth, Texas. In 2006 with the support from the Emerging Technology Funds (ETF) of Texas together with his colleagues he established a Center for Commercialization of Fluorescence Technologies (CCFT) that in 2013 has been transformed to the Center for Fluorescence Technologies and Nanomedicine (CFTN). In 2010 he becomes the "Tex" Moncrief Jr. Chair and Professor of Physic in the Department of Physics and Astronomy, Texas Christian University at Fort Worth.

His present appointments also include Visiting Professor, Department of Physics, University of Strathclyde, Glasgow, UK and Adjunct Professor, University of Shimane, Matsue, Japan.

His early work at the University of Maryland was focused on ultrafast time-resolved fluorescence spectroscopy and intrinsic fluorescence of hemoproteins as well as the thermodynamics of ligand binding and the allosteric mechanism of O_2 binding in hemoproteins. He has been also developing uses of multi-photon excitation and light quenching (light stimulated emission) in time-resolved fluorescence spectroscopy. His focus has been on applications of fluorescence spectroscopy to study biological systems using time-resolved fluorescence, anisotropy, and FRET. He also pioneered novel fluorescence sensing methods for biomedical applications in tissue and blood. More recently his interests expanded to nanotechnology and applications of novel plasmonic effects induced by light and excited fluorophore in metallic nanostructures. He pioneered metal enhanced fluorescence and surface plasmons coupled emission phenomena for biomedical and diagnostics application (biophotonics). His current focus is to develop novel fluorescent probes and to explore quantum-level interactions to study the dynamics of biophysical and biochemical processes at the molecular level and development of new fluorescence probes for studying molecular interactions and dynamics on the cellular level.

He worked and published with two Nobel Prize laureates: S. Prusiner (1997) and B. Kobilka (2013). Authored over 250 peer-review publications, 12 book chapters, 6 patents, and edited 11 books. He is also a member of Editorial Boards of Journal of Experimental Biology and Medicine and Methods and Applications in Fluorescence.

Wiesław I. Gruszecki is a professor and head of the Department of Biophysics. He was graduated in physics from Maria Curie-Skłodowska University, Lublin, Poland (1984) and received his PhD from the same university (1986). Dr. Gruszecki received his DSc degree (habilitation) in biophysics from Jagiellonian University in Krakow (1993) and a title of professor from the President of the Republic of Poland in 1999.

The research activity of Prof. Gruszecki is focused on biophysical aspects of photosynthesis, role of carotenoids in biomembranes, polyene antibiotics, photo-physics and molecular spectroscopy. He is an author of ca. 130 research papers and 7 book chapters. Prof. Gruszecki was a supervisor of 12 graduate students who had prepared their PhD thesis in his lab.

Wiesław has spent some time as a research associate and visiting professor in many places in the world, among others in Canada, France, Switzerland, Germany and USA.

Uwe Ortmann
Head of Sales and Marketing

PicoQuant GmbH
Berlin, Germany

Uwe Ortmann works as the Head of Sales and Marketing at PicoQuant GmbH in Berlin, Germany. He conducted his studies in Physics at the University in Kiel, Germany, and finished his thesis in 1993. He worked as product manager at BiosQuant GmbH, Berlin, Germany till 1996 and as development engineer at Edinburgh Instruments, Edinburgh, UK till 1998. He becomes than head of system development at PicoQuant GmbH and focusses fully on sales and marketing since 2006. In his whole carrier he focusses on laser spectroscopy especially time-resolved studies, spectrometer design and finally laser scanning microscopy and single molecule detection.