



PHYSICS AND CHEMISTRY OF ADVANCED MATERIALS  
EUROPEAN DOCTORATE



Jagiellonian University  
in Kraków

# PCAM 2017 Workshop Kraków Poland



## Physics and Chemistry of Advanced Materials (PCAM) in collaboration with ITN Thinface

<http://www.pcamworkshop2017.confer.uj.edu.pl>

**Workshop in Kraków Poland 18-19.05.2017**

Organized by:

Faculty of Physics, Astronomy and Applied Computer Science Jagiellonian University in Krakow Poland

### Participants:

University	Country	Name	Presentation Title
University of Tartu	Estonia	Prof. Jyrki Heinämäki	Electrospun Medicated Nanofibrous Systems
University of Southern Denmark	Denmark	Prof. Jost Adam	Computational Nanophotonics at MCI
		Prof. Roana de Oliveira-Hansen	Microcantilevers for detection of biogenic amines
		Prof. Jacek Fiutowski	Organic-Plasmonic Hybrid Systems
		Prof. Horst-Günter Rubahn	Nano- and microtechnology at MCI
		Prof. Luciana Tavares	Helium Ion Microscopy in Nanomedicine
University of Milano-Bicocca	Italy	Prof. Gian Paolo Brivio	Presentation of PCAM network
		Dr. Anu Baby	Impact of K doping on the electronic and optical properties of PTCDAs monolayer on Ag(111)
		Abhilash Ravikumar	Substrate induced ultrafast electron injection dynamics of organic-graphene interface
Université Paris VI Pierre et Marie Curie	France	Prof. Nadine Witkowski	Self-organization and reactivity of LuPc2/Au(111)
		Mattia Farronato	Reactivity of Lutetium bis-phthalocyanine thin films
Universidad Autónoma de Madrid	Spain	Prof. Miguel Manso Silvan	Organo-silane assembly on porous silicon and silica particle derived sensors
		Chloé Rodriguez	Impedance biosensor interface based on nanostructured porous silicon
CIC nanoGUNE	Spain	Prof. Andreas Seifert	Nanoscience in the Basque Country
Moscow Lomonosov State University	Russia	Dr. Gennadii Belokopytov	Electromagnetic Response of Meta-Atoms and Metafilms
		Anastasia Markina	to be announced later
Kaunas University of Technology	Lithuania	Prof. Sigitas Tamulevičius	to be announced later
		Erika Rajackaitė	Characterization of Graphene Films Grown on Different Copper Substrates
		Prof. Stanisław Baran	The Magnetic Properties Group of the Solid State Physics Department - laboratory instrumentation and fields of scientific interest
Jagiellonian University	Poland	Prof. Piotr Cyganik	Self-assembled monolayers - structure, stability and conductance
		Prof. Tomasz Kawalec	to be announced later
		Prof. Rafał Kozubski	Atomistic modelling of materials
		Prof. Franciszek Krok	Processes of self-organization on modified surfaces of metal oxide crystals
		Prof. Małgorzata Przybyło	to be announced later
		Prof. Jakub Rysz	Spectroscopic and microscopic characterization of macromolecular nanofilms: plastic electronics, biosensors and cancer diagnosis
		Prof. Paweł Starowicz	Materials with strong electronic correlations studied by angle-resolved photoemission spectroscopy
		Prof. Ewa Stępień	Nano and micro cellular vesicles – emerging biomarkers and mediators - from medical diagnostics to regenerative medicine
		Prof. Bartosz Such	Molecules of organic dyes on Titania surfaces: STM insight
		Prof. Marek Szymoński	Atomic and molecular nanostructures at metal and semiconductor surfaces. Nanomechanical profiling of endothelial cells and tissues with AFM based imaging and force spectroscopy
		Dr. Katarzyna Dziejczak-Kocurek	to be announced later
		Dr. Benedykt R. Jany	Formation mechanism and growth of hexagonal gold Au hcp nanostructures during thermally induced self-assembling on Ge(001) surface
		Dr. Teresa Jaworska-Gołąb	Magnetocaloric effect and physical properties of slowly cooled NiMn1-xCrGe compounds
		Dr. Marek Nikiel	On-surface chemical reactions on semiconducting oxide: aryl halides on rutile TiO2
		Aleksandra Deptuch	Tilt angle measured with electrooptic and XRD methods in liquid crystalline 3FmHPHF series
		Martyna Durak-Kozica	Monoclonal antibody anti-uPAR, mAb IIIIF10 as a therapeutic agent in hyperglycemia-related diseases
		Agnieszka Kamińska	Urinary extracellular vesicles as potential diagnostic biomarker of renal function in diabetic patients - TRPS and spectroscopic analysis
		Rafał Kurleto	Hybridization effects in CeCoIn5 studied by ARPES
		Marcin Rosmus	Influence of Co and Ni doping on the electronic structure of FeTe0.65Se0.35
Konrad Szajna	Dewetting processes of thin organic films studied by noncontact and intermittent contact atomic force microscopy		
Dominik Wrana	Tuning the electronic properties of metal oxide surfaces by thermal reduction		