

## Poster presentations (town hall 16:30, 18 January 2017)

P 1	<b>Dominik Bloos</b> <i>Universität Stuttgart, Germany</i>	<b>APPLICATION OF HIGH FREQUENCY MICROWAVE SPECTROSCOPY ON ELECTRON TRANSPORT OF SOLID STATE MATERIALS</b>
P 2	<b>Jan Kunc</b> <i>Charles University, Prague Czech Republic</i>	<b>Optimization of epitaxial graphene growth on SiC(0001)</b>
P 3	<b>Michael D. Thompson</b> <i>Lancaster University, UK</i>	<b>Superconducting quantum interference devices with tunable graphene Josephson junction</b>
P 4	<b>Nicolas Morell</b> <i>ICFO, Barcelona, Spain</i>	<b>HIGH QUALITY FACTOR MECHANICAL RESONATORS BASED ON WSe<sub>2</sub> MONOLAYERS</b>
P 5	<b>Aleksander Bogucki</b> <i>Warsaw University, Poland</i>	<b>Precise determination of (Cd,Mn)Te quantum well strain by optically detected magnetic resonance</b>
P 6	<b>Helene Plank</b> <i>University of Regensburg Germany</i>	<b>Opto-Electronic Characterization of Three Dimensional Topological Insulators</b>
P 7	<b>Ewa M. Łacińska</b> <i>Warsaw University, Poland</i>	<b>UV-EXCITED RAMAN SCATTERING SPECTROSCOPY OF FEW-LAYER AND BULK MoS<sub>2</sub></b>
P 8	<b>Matthias Wurdack</b> <i>Universität Würzburg, Germany</i>	<b>A GaAs – MoSe<sub>2</sub> BASED HYBRID STRUCTURE FOR HYBRID POLARITONS</b>
P 9	<b>Martin Rejhon</b> <i>Charles University, Prague Czech Republic</i>	<b>LED ON HETEROSTRUCTURE GRAPHENE/SiC</b>
P 10	<b>Piotr Starzyk</b> <i>University of Warsaw, Poland</i>	<b>Towards transmission studies of polaritons: II-VI semiconductor microcavities lift-off</b>
P 11	<b>Rosanna Mastria</b> <i>CNR NANOTEC, Lecce, Italy</i>	<b>Synthesis of two-dimensional WS<sub>2</sub> nanosheets via sacrificial conversion of WO<sub>3-x</sub> nanocrystals in solution phase</b>
P 12	<b>Philipp Nagler</b> <i>University of Regensburg Germany</i>	<b>Optical anisotropy of atomically thin ReS<sub>2</sub> and its application in heterostructures</b>
P 13	<b>Jacek Kasprzak</b> <i>Institut Néel, CNRS Grenoble, France</i>	<b>Exploring exciton coherent dynamics in layered semiconductors</b>
P 14	<b>Petr Neugebauer</b> <i>Universität Stuttgart, Germany</i>	<b>HIGH FREQUENCY ESR SPECTROSCOPY IN FIELD AND FREQUENCY DOMAINS</b>
P 15	<b>Denis A. Bandurin</b> <i>University of Manchester, UK</i>	<b>HIGH ELECTRON MOBILITY, QUANTUM HALL EFFECT AND ANOMALOUS OPTICAL RESPONSE IN ATOMICALLY THIN INSE</b>

P 16	<b>Gilles Renaud</b> <i>CEA, Grenoble, France</i>	Structure of graphene on Ir by synchrotron X-ray scattering
P 17	<b>Maciej Ściesiek</b> <i>Warsaw University, Poland</i>	Design, growth and optical properties of micropillars with two vertically coupled ZnTe microcavities
P 18	<b>Minh Tuan Dau</b> <i>CEA, Grenoble, France</i>	Towards large area and high quality few-layer-thick transition metal diselenides with uniform magnetic doping
P 19	<b>Magdalena Grzeszczyk</b> <i>Warsaw University, Poland</i>	Effect of temperature on the resonant Raman scattering in few-layer MoTe <sub>2</sub>
P 20	<b>Marc Philippi</b> <i>Université de Genève, Switzerland</i>	MECHANISM BEHIND THE VALLEY HALL EFFECT IN TMDC
P 21	<b>Jean-Pierre Perin</b> <i>Johannes Kepler University, Linz Austria</i>	OCCURRENCE AND SIGNIFICANCE OF EVANESCENT FIELDS IN STRUCTURED SAMPLES
P 22	<b>Mark Danovich</b> <i>University of Manchester, UK</i>	Dark excitons and semi-dark trions and biexcitons in WS <sub>2</sub> and WSe <sub>2</sub>
P 23	<b>Petr Steindl</b> <i>CEITEC, Masaryk University Czech Republic</i>	EXCITONIC STRUCTURE AND PUMPING POWER DEPENDENT EMISSION BLUE-SHIFT OF TYPE-II QUANTUM DOTS
P 24	<b>Elena Rozas</b> <i>Universidad Autónoma de Madrid Spain</i>	TEMPERATURE DEPENDENCE OF THE COHERENCE IN POLARITON CONDENSATES
P 25	<b>Tianzhen Zhang</b> <i>ESPCI, Paris, France</i>	Scanning Tunneling Spectroscopy of Superconducting Nanocrystals on InAs
P 26	<b>Elisabetta Travaglia</b> <i>University of Trieste, Italy</i>	Transition from Sulfided Molybdenum Clusters to monolayer MoS <sub>2</sub> on Au(111)
P 27	<b>Jakub Rozbořil</b> <i>CEITEC, Masaryk University Czech Republic</i>	Magneto-optical properties of single molecular magnet thin films
P 28	<b>Carola Emminger</b> <i>Johannes Kepler University, Linz Austria</i>	ADVANCED MODEL FOR PREDICTING POLARIZATION SENSITIVE SECOND HARMONIC GENERATION IN Si(111)
P 29	<b>Juraj Rusnačko</b> <i>CEITEC, Masaryk University Czech Republic</i>	Zigzag phases within extended Kitaev-Heisenberg model for layered honeycomb iridates - an exact diagonalization study
P 30	<b>Michele Magnozzi</b> <i>Università di Genova, Italy</i>	Thermal annealing of chemical vapor deposited graphene studied with spectroscopic ellipsometry
P 31	<b>Michael Haki</b> <i>LNCMI, CNRS, Grenoble, France</i>	Landau level spectroscopy of Kane electrons in Cd <sub>3</sub> As <sub>2</sub>

P 32	<b>Abir Nachawaty</b> <i>L2C, CNRS, Montpellier, France</i>	Insulating behavior close to the charge neutrality point in graphene on SiC
P 33	<b>Vito Clericó</b> <i>Universidad de Salamanca, Spain</i>	Excitonic Insulator Phase of Degenerate InAs/GaSb Double Quantum Wells
P 34	<b>Artur Slobodeniuk</b> <i>LNCMI, CNRS, Grenoble, France</i>	SPIN-FLIP PROCESSES AND RADIATIVE DECAY OF DARK INTRAVALLEY EXCITONS IN TRANSITION METAL DICHALCOGENIDE MONOLAYERS
P 35	<b>Slaven Tepsic</b> <i>ICFO, Barcelona, Spain</i>	HYBRID OPTOMECHANICS USING SINGLE EMITTERS IN WSe <sub>2</sub> MONOLAYERS
P 36	<b>M.A.H.M. Munasinghe</b> <i>CNR-INO, Brescia, Italy</i>	LOW TEMPERATURE GAS SENSING PROPERTIES OF GRAPHENE OXIDE/SnO <sub>2</sub> NANOWIRES COMPOSITE FOR H <sub>2</sub>
P 37	<b>Ying Liu</b> <i>Aalto University, Finland</i>	A SQUIPT MAGNETOMETER BASED ON GRAPHENE AND H-BN
P 38	<b>Felipe Soares Covre</b> <i>Federal University of São Carlos Brazil</i>	OPTICAL PROPERTIES OF LARGE AREA WS <sub>2</sub> THIN FILMS GROWN BY CHEMICAL VAPOR DEPOSITION
P 39	<b>Nicola Paradiso</b> <i>Regensburg University, Germany</i>	Anomalous reentrant superconductivity in a thin NbSe <sub>2</sub> crystal
P 40	<b>Maria M. Giangregorio</b> <i>CNR-NANOTEC, Bari, Italy</i>	A Versatile Graphene-Plasmonic Metals-Porphyrines Platform
P 41	<b>Giuseppe Valerio Bianco</b> <i>CNR-NANOTEC, Bari, Italy</i>	ENGINEERING GRAPHENE BY PLASMA STRATEGIES
P 42	<b>Maciej Koperski</b> <i>LNCMI, CNRS, Grenoble, France</i>	Single photon emitters in exfoliated WSe <sub>2</sub> structures
P 43	<b>Maciej Molas</b> <i>LNCMI, CNRS, Grenoble, France</i>	Brightening of dark excitons in monolayers of semiconducting transition metal dichalcogenides
P 44	<b>Lukáš Ohnoutek</b> <i>Charles University, Prague Czech Republic</i>	Ga <sup>+</sup> IRRADIATION DRIVEN CHANGES OF MAGNETO-OPTICAL SPECTRA OF Co ULTRATHIN FILMS WITH Pt AND Au INTERFACES
P 45	<b>Leonid Bovkun</b> <i>LNCMI, CNRS, Grenoble, France</i>	Landau level spectroscopy of valence band states in HgCdTe quantum wells
P 46	<b>Samuel J. Magorrian</b> <i>University of Manchester, UK</i>	ELECTRONIC AND OPTICAL PROPERTIES OF TWO-DIMENSIONAL INDIUM SELENIDE FROM A DFT-PARAMETERISED TIGHT-BINDING MODEL
P 47	<b>Alexey B. Kuzmenko</b> <i>University of Geneva, Switzerland</i>	Valley-selective magneto-absorption and suppressed magnetic circular dichroism in bismuth