



Online Symposium on Hybrid Inorganic/Organic System for Opto-Electronics 2020

10.09 – 11.09.2020, Berlin, Germany

Time zone: CEST/UTC+2



| September 10 th (Thursday) | |
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| 10.00 | Welcome |
| 10.10 | Xiaomin Xu , Tsinghua University <i>From microstructure engineering of semiconductors to ultraflexible optoelectronics</i> |
| 10.40 | Takhee Lee , Seoul National University <i>Interface and surface control of transition-metal dichalcogenides with organic molecules and polymers</i> |
| 11.10 | Emil List-Kratochvil , HU Berlin <i>Active control over inorganic/organic material interface properties: Fundamental considerations and device applications</i> |
| 11.40 | Coffee Break |
| 12.00 | Ute Kaiser , Ulm University <i>Properties of low-dimensional materials by low-voltage TEM</i> |
| 12.30 | Christoph Koch , HU Berlin <i>Characterizing radiation sensitive hybrid inorganic/organic systems using elastic and inelastic electron scattering</i> |
| 13.00 | Lunch Break |
| 14.00 | Poster Session I |
| 15.45 | Coffee Break |
| 16.00 | Mariana Rossi , FHI Berlin <i>Structure and dynamics of inorganic/organic systems</i> |
| 16.30 | Andreas Knorr , TU Berlin <i>Ultrafast exciton-exciton interactions in (functionalized) atomically thin semiconductors</i> |
| 17.00 | Coffee Break |
| 17.15 | Teri W. Odom , Northwestern U <i>Quantum dot plasmon nanolasers</i> |
| 17.45 | Eli Rotenberg , Berkeley Lab <i>Nanoscale imaging of electronic states of 2D materials</i> |

| September 11 th (Friday) | |
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| 09.00 | Poster Session II |
| 10.45 | Coffee Break |
| 11.00 | Wei Chen , NUS <i>Surface charge transfer doping enabled ohmic contacts for 2D materials</i> |
| 11.30 | Gregor Witte , PU Marburg <i>Hybrid-systems of organic and 2D materials: Interface structure and film formation</i> |
| 12.00 | Niko Nikolay , HU Berlin <i>Fundamental properties of single-photon sources in hexagonal boron nitride</i> |
| 12.30 | Lunch Break |
| 14.00 | Aleksandra Radenovic , EPFL <i>Nanoscopy of 2D materials</i> |
| 14.30 | Ralph Ernstorfer , FHI Berlin <i>Ultrafast interfacial charge, exciton and phonon dynamics in van der Waals heterostructures</i> |
| 15.00 | Coffee Break |
| 15.15 | Cecilia Mattevi , IC London <i>Precise synthesis of 2D crystals for energy applications</i> |
| 15.45 | Katharina Franke , FU Berlin <i>Defects and molecular adsorbates on monolayers of MoS₂ on Au(111)</i> |
| 16.15 | Closing |

Partners:

