

Oral presentations at a glance

SUNDAY, 21, JULY 2019

- Tutorial Presentations** (Franconia Hall)
14:00 - 18:15 Chairs: Ralph Krupke, Tobias Hertel
I **Sofie Cambré** (University of Antwerp)
I **Shahal Ilani** (Weizmann Institute of Science)
I **Sumio Iijima** (Meijo University & NEC)
Welcome Reception (Panorama Level)
18:30 - 20:30

MONDAY, 22, JULY 2019

- Plenary Session 1 & 2** (Franconia Hall)
08:30 - 10:05 Chair: Annick Loiseau
K **Jin Zhang** (Peking University)
I **Yan Li** (Peking University)
I **Hirofumi Kataura** (AIST)
10:30 - 12:15 Chair: Riichiro Saito
C **Annick Loiseau** (LEM, CNRS-ONERA)
I **Ming Zheng** (NIST)
C **Han Li** (KIT)
I **Boris Yakobson** (Rice University)
Electronics Symposium (Panorama 11)
14:00 - 15:20 Chair: Yutaka Ohno
O **Lian-Mao Peng** (Peking University)
C **Jianwen Zhao** (Chinese Academy of Sciences)
C **Theodore Gao** (Stanford University)
15:30 - 16:30 Chair: Lianmao Peng
I **Kimmo Mustonen** (University of Vienna)
C **Nicolai F. Hartmann** (neaspac GmbH)
C **Atsuko Sekiguchi** (AIST)
Energy Symposium (Franconia Hall)
14:00 - 15:20 Chair: Qiang Zhang
O **Kenji Hata** (AIST)
I **Jeffrey Blackburn** (NREL)
I **Yuan Chen** (University of Sydney)
15:30 - 16:30 Chair: Yuan Chen
I **Cheng-Meng Chen** (Chinese Academy of Sciences)
I **Eduardo Gracia-Espino** (Umeå University)
I **Hengxing Ji** (University of Sci. and Techn. of China)
2D Materials & Graphene Symposium (Panorama 13)
14:00 - 15:20 Chair: Annick Loiseau
O **Xavier Marie** (CNRS - INSA Toulouse)
C **Sven Borghardt** (Forschungszentrum Jülich)
C **Christoph Kastl** (Walter-Schottky-Institut - TU München)
15:30 - 16:30 Chair: Christoph Stampfer
I **Christian Schneider** (JMU Würzburg)

- C **Naga Anirudh Peyyety** (TU Darmstadt)
I **Martin Kroner** (ETH Zürich)
Synthesis Symposium (Panorama 12)
14:00 - 15:20 Chair: Yan Li
I **Avetik Harutyunyan** (Honda Research Institute USA Inc.)
I **Don Futaba** (AIST)
I **Kaili Jiang** (Tsinghua University)
I **Feng Yang** (Peking University)
15:30 - 16:30 Chair: Sofie Cambré
C **Vincent Jourdain** (University of Montpellier)
I **Rong Xiang** (University of Tokyo)
C **Lei Shi** (Sun Yat-sen University)
Theory Symposium (Panorama 10)
14:00 - 15:20 Chair: Yoshiuki Miyamoto
O **Riichiro Saito** (Tohoku University)
I **Malte Selig** (Technische Universität Berlin)
I **Hongyi Yu** (University of Hong Kong)
15:30 - 16:30 Chair: James Elliott
C **Hernán Santos** (Autonomous University of Madrid)
I **Deborah Prezzi** (University of Modena and Reggio Emilia)
C **Charlotte Vets** (University of Antwerp)

TUESDAY, 23, JULY 2019

- Plenary Session 3 & 4** (Franconia Hall)
08:30 - 10:05 Chair: Milo Schaffer
K **Janina Maultzsch** (FAU Erlangen-Nürnberg)
I **Caterina Cocchi** (Humboldt-Universität zu Berlin)
I **Shohei Chiashi** (University of Tokyo)
10:35 - 12:15 Chair: Boris Yakobson
I **Milo Shaffer** (Imperial College London)
I **Michael Strano** (MIT)
C **Lei Shi** (Sun Yat-sen University)
I **Qingwen Li** (Chinese Academy of Sciences)
Electronics Symposium (Panorama 11)
14:00 - 15:20 Chair: Christoph Strunk
O **Edward Laird** (Lancaster University)
I **Pertti Hakonen** (Aalto University)
I **Andreas K. Hüttel** (University of Regensburg)
15:30 - 16:30 Chair: Edward Laird
I **Yuval Yaish** (Technion)
C **Lin Cong** (Tsinghua University)
C **Alexis Descombin** (Université Lyon 1 ILM)
Energy Symposium (Franconia Hall)
14:00 - 15:20 Chair: Sang Ouk Kim
O **Fei Wei** (Tsinghua University)
I **Christoph Brabec** (FAU Erlangen-Nürnberg)
I **Esko I. Kauppinen** (Aalto University)
15:30 - 16:30 Chair: Fei Wei

- I **Sang Ouk Kim** (KAIST)
I **Chang Liu** (Chinese Academy of Sciences)
I **Wei Lyu** (Tsinghua University)
2D Materials & Graphene Symposium (Panorama 13)
14:00 - 15:20 Chair: Alexander Hoeschele
C **Yoke Khin Yap** (Michigan Technological University)
C **Catherine Journet** (Lab. des Multimateriaux et Interfaces)
C **Jinbo Pang** (University of Jinan)
C **Yang Wu** (Tsinghua University)
15:30 - 16:30 Chair: Xavier Marie
C ~~**Ucman Khan** (Tsinghua University)~~ **CANCELED**
C **Michael Heuken** (AIXTRON)
C **Hyangsook Lee** (Samsung Adv. Institute of Technology)
Synthesis Symposium (Panorama 12)
14:00 - 15:20 Chair: Ben Flavel
I **Wim Wenseleers** (University of Antwerp)
I **Jeffrey Fagan** (NIST)
I **Michael Arnold** (University of Wisconsin-Madison)
I **Etienne Gauffrès** (CNRS - Lab. Phot. Num. et Nano.)
15:30 - 15:50 Chair: Shigeo Maruyama
C **Robert Nißler** (Georg-August-Universität Göttingen)
Spectroscopy Symposium (Panorama 12)
15:50 - 16:30 Chair: Leandro Malard
O **Steven Doorn** (Los Alamos National Laboratory)
Theory Symposium (Panorama 10)
14:00 - 15:20 Chair: Christophe Bichara
I **Alister Page** (University of Newcastle)
C **Zhao Wang** (Guangxi University)
I **James Elliott** (University of Cambridge)
I **Benedetta Flebus** (University of California LA)
15:30 - 15:50 Chair: Deborah Prezzi
C **Ksenia V. Bets** (Rice University)
NanoBio Symposium (Panorama 10)
15:50 - 16:30 Chair: Ardemis Boghossian
O **Michael S. Strano** (MIT)

WEDNESDAY, 24, JULY 2019

- Plenary Session 5 & 6** (Franconia Hall)
08:30 - 10:05 Chair: Janina Maultzsch
K **Tony F. Heinz** (Stanford University)
I **Young Hee Lee** (Sungkyunkwan University)
C **Shigeo Maruyama** (University of Tokyo)
10:35 - 12:15 Chair: Michael S. Arnold
I **Richard Martel** (Université de Montréal)
C **Michael Engel** (IBM)
C **Kimmo Mustonen** (University of Vienna)
C **Ado Jorio** (UFMG)
Electronics Symposium (Panorama 11)

14:00 - 15:20 Chair: Esko I. Kauppinen

I **Mark Hersam** (Northwestern University)

I **Youfan Hu** (Peking University)

C **Lijun Liu** (Peking University)

C **Er-Xiong Ding** (Aalto University)

Energy Symposium (Franconia Hall)

14:00 - 15:20 Chair: Suguru Noda

I **Robin Nicholas** (Oxford University)

C **Volodymyr Koman** (MIT)

I **Bingqing Wei** (University of Delaware)

C **Il Jeon** (University of Tokyo)

2D Materials & Graphene Symposium (Panorama 13)

14:00 - 15:20 Chair: Annick Loiseau

I **Bruno Dlubak** (Unité Mixte de Physique CNRS-Thales)

C **Lara Kühn Teles** (Instituto Tecnológico de Aeronautica)

I **Ilka Kriegel** (Italian Institute of Technology)

C **Patrick Zeller** (Elettra - Sincrotrone Trieste)

Spectroscopy Symposium (Panorama 12)

14:00 - 15:20 Chair: Stephen Doorn

I **Annick Loiseau** (LEM, CNRS-ONERA)

C **Adnan Riaz** (KIT)

C **Georgy Gordeev** (Freie Universität Berlin)

I **Leandro Malard** (Universidade Federal de Minas Gerais)

NanoBio Symposium (Panorama 10)

14:00 - 15:20 Chair: Ming Zheng

I **Charlotte Allard** (Ecole Polytechnique de Montreal)

I **Sebastian Kruss** (Georg-August-Universität Göttingen)

I **YuHuang Wang** (University of Maryland)

C **Alessandra Antonucci** (EPFL)

THURSDAY, 25, JULY 2019

Plenary Session 7 & 8 (Franconia Hall)

08:30 - 10:05 Chair: Yuichiro Kato

K **H.-S. Philip Wong** (Stanford University)

I **Matteo Pasquali** (Rice University)

I **YuHuang Wang** (University of Maryland)

10:35 - 12:15 Chair: Yuhuang Wang

C **Yoshiyuki Nonoguchi** (Nara Inst. of Sci. and Technology)

C **Weizhong Qian** (Tsinghua University)

C **Mattia Scagliotti** (Università degli studi di Roma)

I **Ming Xu** (Huazhong U. of Science and Technology)

Electronics Symposium (Panorama 11)

14:00 - 15:20 Chair: Youfan Hu

I **Albert G. Nasibulin** (Skolkovo Inst. of Sci. and Techn.)

C **Ze Ma** (Peking University)

C **Thomas Szkopek** (McGill University)

C **Dmitri Lioubtchenko** (Polish Academy of Sciences)

15:30 - 16:10 Chair: Albert G. Nasibulin

C **Volodymyr Koman** (MIT)

C **Alexey Tsapenko** (Skoltech)

Energy Symposium (Franconia Hall)

14:00 - 14:40 Chair: Yanwu Zhu

I **Yanwu Zhu** (Univ. of Science and Technology of China)

C **Juan Vilatela** (IMDEA Materials)

2D Materials & Graphene Symposium (Panorama 13)

14:00 - 15:20 Chair: Bruno Dlubak

O **Luca Banszerus** (RWTH Aachen)

I **Igor Bondarev** (North Carolina Central University)

C **Sabina Caneva** (Kavli Institute of Nanoscience Delft)

15:30 - 16:30 Chair: Christian Schneider

C **Andreas Sperlich** (JMU Würzburg)

I **Yang Wei** (Tsinghua University)

C **Bernard Plaçais** (ENS Paris)

Spectroscopy Symposium (Panorama 12)

14:00 - 15:20 Chair: Achim Hartschuh

O **Kaihui Liu** (Peking University)

I **Sofie Cambré** (University of Antwerp)

C **Yoshikazu Homma** (Tokyo University of Science)

15:30 - 16:30 Chair: Ado Jorio

I **Yuichiro Kato** (RIKEN)

I **Ernesto Joselevich** (Weizmann Institute of Science)

C **Akihiro Ishii** (RIKEN)

NanoBio Symposium (Panorama 10)

14:00 - 15:20 Chair: Sebastian Kruss

I **Eri Hirata** (Hokkaido University)

I **Silvana Fiorito** (National Research Council)

C **Minfang Zhang** (AIST)

C **Daniel Heller** (Memorial Sloan Kettering Cancer Center)

15:30 - 16:30 Chair: Dan Heller

I **Ming Zheng** (NIST)

C **Sonia Freddi** (Univeristà Cattolica del Sacro Cuore)

C **Gili Bisker** (Tel Aviv University)

FRIDAY, 26, JULY 2019

Plenary Session 9 & 10 (Franconia Hall)

08:30 - 10:05 Chair: Yutaka Ohno

K **Christophe Voisin** (École Normale Supérieure)

I **Suguru Noda** (Waseda University)

C **Daniel A. Heller** (Memorial Sloan Kettering Cancer Center)

10:35 - 11:50 Chair: Daniel A. Heller

C **Yoshiyuki Miyamoto** (AIST)

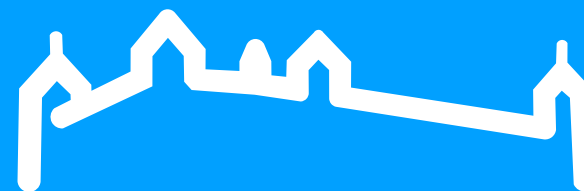
I **Yutaka Ohno** (Nagoya University)

C **Carola Meyer** (Universität Osnabrück)

Poster Awards and Closing Session (Franconia Hall)

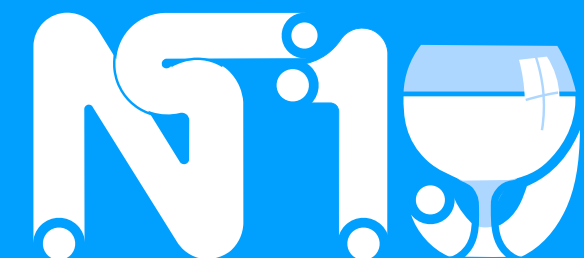
11:50 - 12:15 Chair: Tobias Hertel

Annick Loiseau & Shigeo Maruyama



21-26 July 2019
Würzburg | Germany

when size matters



Nanotube 2019

Tobias Hertel (JMU Würzburg)
Andreas Hirsch (FAU Erlangen-Nürnberg)
Ralph Krupke (KIT & TU Darmstadt)
Jana Zaumseil (Uni Heidelberg)

20th anniversary

<https://www2.uni-wuerzburg.de/NT19/>

Congress Center Würzburg