



## The program

Sept. 29 (Thursday) – TA 112  
(chair: Á. Nemcsics)

10:00 - 10:30 Registration

10:30 - 10:45 **István Vajda**, Prof. dean: greetings words

10:45 - 11:15 **Norbert Kroo**, Prof. member of HAS (Hung. Acad. of Sci., Budapest) Topic: surface plasmon

11:15 - 11:30 Coffee Break

11:30 – 12:00 **Takashi Kuroda**, Dr. (NIMS, Tsukuba): Quantum entangled photon-pairs from semiconductor quantum dots

12:00 – 12:30 **Christian Heyn**, Dr. (Univ. Hamburg): Droplet Etching of Nanoholes for Quantum Dots (QDs), QD-Molecules, and QD-Plasmonic Hybrids

12:30 – 14:00 Lunch (Caterland)

14:00 – 14:30 **Stefano Sanguinetti**, Prof. (Univ. degli Studi di Milano-Bicocca ) Topic: droplet epitaxy

14:30 – 15:00 **Cristian Manzoni**, PhD (CNR Dipartimento di Fisica - Politecnico di Milano) Topic: laser spectroscopy

15:00 – 16:00 Break

16:00 – 17:00 Cultural program (TG basement)

18:00 – xx:xx Diner (Darsham)

Sept 30. (Friday) TA - 219  
(chair: S. Sanguinetti)

10:00 – 10:30 **Takaaki Mano**, Dr. (NIMS, Tsukuba): Lattice-mismatched epitaxy on (111)A substrates: Formation of quantum dots and metamorphic layers

10:30 – 11:00 **David Jesson**, Prof. (Cardiff University): Controlling Surface Chemical Potential with Liquid Droplets

11:00 – 11:15 Break

11:15 – 11:45 **Emmanouil Dimakis**, Dr. (Helmholtz-Zentrum Dresden-Rossendorf): The role of Ga droplets in the epitaxy of GaAs nanowires on Si substrates

11:45 – 12:00 **Ákos Nemcsics**: (Univ. Óbuda, Inst. Microel. and Technol., Budapest): Capability of the droplet epitaxy in the view point of quantum circuits

12:00 – 12:15 **Antal Ürmös**, PhD Student (Univ. Óbuda, Inst. Micoel. and Technol. , Budapest): Self organizing map for the technology support of droplet epitaxy

12:15 – 13:30 Lunch (Caterland)

13:30 – xx:xx FemtoTera meeting for the project member (TA 219 or TA 317)

## Location

