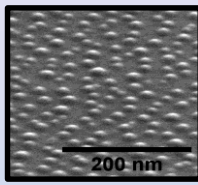
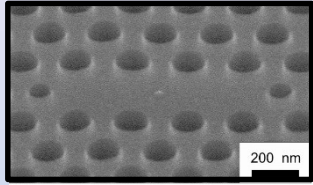


# 1<sup>st</sup> Paulista-Bavarian Workshop on Nano-Tailored Semiconductor Devices (NTSD)



Sao Carlos - Brazil

February 13-17, 2017

## NTSD Workshop Agenda and Scope of the Workshop:

- The workshop aims to bring together leading experts and early career stage researchers from the Free State of Bavaria and the State of Sao Paulo to acquaint complementary experimental and theoretical techniques in nanofabrication, characterization and theoretical simulation of nano-tailored semiconductor devices.
- The workshop covers the following topics and aspects:
  - Nanoscale electronic and opto-electronic devices.
  - Novel low dimensional functional materials.
  - Light matter interaction and quantum optics.
  - Solid-state Quantum information.
  - Semiconductor Qubits: Advances and dynamical control.
- The workshop further provides the opportunity to strengthen and build up bi-national collaborations between researcher and research facilities from the Free State of Bavaria and the State of Sao Paulo.



### Chairs:

Gilmar E. Marques (UFSCar)  
Sven Höfling (Universität Würzburg)

### Co-Chairs:

Victor Lopez-Richard (UFSCar)  
Martin Kamp (Universität Würzburg)

### Confirmed invited speakers:

Leonardo Kleber Castelano (UFSCar), Euclides Marega Jr. (USP), Martin Kamp (Universität Würzburg), Sven Höfling (Universität Würzburg), Christian Schneider (Universität Würzburg)

**Abstract submission Deadline: 15.11.2016**

**Notification of acceptance: 30.11.2016**

#### Formal criteria:

- One A4 page abstract and one A4 page resume with contact details (Name, email address, full postal address, telephone number, and affiliation details); Education backgrounds; List of top 10 relevant publications.

**Submission address:** ntsd@ufscar.br

**Webpage:** www2.uni-wuerzburg.de/ntsd

#### Information for participants:

- Successful eligible participants from the Free State of Bavaria will receive a grant over **2000 €** to cover travel and accommodation expenses. The grant covers the flight (up to **1100€**), local transportation (up to **160€**) and accommodation (up to **740€**).

**Eligible participants for funding:** Early career researchers from the Free State of Bavaria higher education institutions with a PhD obtained less than 10 years before the start of the workshop. Participants linked to institutions outside of the Free State of Bavaria are not eligible for funding.

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