

KIT-Campus South | International Affairs | Kaiserstraße 12 | 76131 Karlsruhe, Germany

#### INTL - KIT International Affairs

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Official in charge: Jie Han

Our reference: Date: 2019-07-05

Welcome, Introduction of KIT

## Program of

# The Summer School on Recent Advances in Materials Development

Date: Monday to Friday, 15th - 19th July, 2019

Venue: KIT Campus North (Building 640) and Campus South (Room 005, Building 50.20)

### Monday, 15th July, Campus North

09:00 a.m. - 09:30 a.m.

03:00 p.m. - 03:15 p.m.

03:15 p.m. - 04:15 p.m.

	Prof. Dr. Horst Hahn Ms. Jie Han
9:30 a.m. – 10:50 a.m.	Lecture 1: Concepts of tailoring and tuning of properties of nanomaterials  Prof. Dr. Horst Hahn
10:50 a.m. – 11:10 a.m.	Break
11:10 a.m. – 12:30 p.m.	Lecture 2: High Entropy Materials Sarkar
12:30 p.m. – 02:00 p.m.	Lunch Break Casino
02:00 p.m. – 03:00 p.m.	Poster Section 1

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04:35 p.m.

Präsident: Prof. Dr.-Ing. Holger Hanselka Vizepräsidenten: Michael Ganß, Prof. Dr. Thomas Hirth, Prof. Dr. Oliver Kraft, Christine von Vangerow, Prof. Dr. Alexander Wanner

**Break** 

**Poster Section 2** 

**Transfer to Campus South** 

Bundesbank Karlsruhe BLZ 660 000 00 | Kto. 66 001 508 BIC/SWIFT: MARK DE F1660 IBAN: DE57 6600 0000 0066 0015 08 USt-IdNr. DE266749428

#### Tuesday, 16th July, Campus South

9:30 a.m. – 10:50 a.m. Lecture 3: Metallic glasses and nanoglasses

Sree Harsha Nandam

10:50 a.m. – 11:10 a.m. Break

11:10 a.m. – 12:30 p.m. Lecture 4: Mechanical properties of

nanocrystalline materials

Ivanisenko

12:30 p.m. – 02:00 p.m. Lunch Break

Cantee Adenauerring

02:00 p.m. – 07:00 p.m. German Crash Course

Room 116, Building 40.50

#### Wednesday, 17<sup>th</sup> July, Campus North

9:30 a.m. – 10:50 a.m. Lecture 5: Advanced characterization using

electron microscopy Wang Di/Mu Xiaoke

10:50 a.m. – 11:10 a.m. Break

11:10 a.m. – 12:30 p.m. Lecture 6: Electrochemical properties of

nanomaterials

Breitung

12:30 p.m. – 02:00 p.m. Lunch Break

Casino

02:00 p.m. – 04:00 p.m. Site visit

tbd

#### Thursday, 18th July, Campus North

9:30 a.m. – 10:50 a.m. Lecture 7: tbd

10:50 a.m. – 11:10 a.m. Break

11:10 a.m. – 12:30 p.m. Lecture 8: Printed electronics

Aghassi / Surya Abhishek

12:30 p.m. – 02:00 p.m. Lunch Break Casino

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02:00 p.m. – 04:00 p.m. Visit of laboratories at INT UHV-Lab, KNMF labs

04:05 p.m. Transfer to Campus South

## Friday, 19th July, Campus North

Lecture 9: Tunable properties of nanomaterials 9:30 a.m. - 10:50 a.m. Kruk 10:50 a.m. - 11:10 a.m. **Break** 11:10 a.m. - 12:30 p.m. Lecture 10: Tunable properties of nanomaterials Kruk 12:30 p.m. - 02:00 p.m. **Lunch Break** Casino 02:00 p.m. - 03:30 p.m. Wrap-up, feedback and issuing of certificates **Get together** 03:30 p.m. - 04:00 p.m. 04:05 p.m. **Transfer to Campus South**