

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.

Welcome, Introduction of KIT

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

03:00 p.m. – 03:15 p.m.

Break

03:15 p.m. – 04:15 p.m.

Poster Section 2

04:35 p.m.

Transfer to Campus South

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
Canteen Adenauerring

02:00 p.m. – 07:00 p.m.

German Crash Course
Room 116, Building 40.50

Wednesday, 17th 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

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**9:30 a.m. – 10:50 a.m.****Lecture 9: Tunable properties of nanomaterials***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****03:30 p.m. – 04:00 p.m.****Get together****04:05 p.m.****Transfer to Campus South**