

Draft of the detailed schedule of the school on **Metamaterials and nanophotonic structures in applications**

**28. May 2018 – 1. June 2018, Karlsruhe, Germany**

The lectures on scientific writing will be given in the seminar rooms of NaWiK. It needs to be finally confirmed but the lectures likely take place in the Englerstraße 2, 4<sup>th</sup> floor. The detailed schedule for these lectures is not contained in the list below but is added to the webpage.

All lectures on Wednesday till Friday of this week will be given in Hector auditorium of the International Department located in the center of the city (Schloßpl. 19). The poster session on Tuesday will be organized in the Foyer of the Gaede-Lecture hall (Engesserstraße 7 building number 30.22). The school dinner on Wednesday will take place in the Gastdozentenhaus Heinrich Hertz (Engesserstraße 3 building number 01.52) on the KIT Campus South. In the case of any problem or emergency situation, please get in contact with Carsten Rockstuhl on his mobile phone via +49 (0) 176 830 345 00.

Monday, 28. May

Time	Subject	Speaker	Institution
<b>9:30</b>	<b>Workshop on Scientific Writing</b>	Dr. Ulrike Brandt-Bohne and Herr Dr. Tobias Maier	NaWik
<b>17:30</b>	<b>End of day I</b>		

Tuesday, 29. May

Time	Subject	Speaker	Institution
<b>9:30</b>	<b>Workshop on Scientific Writing</b>	Dr. Ulrike Brandt-Bohne and Herr Dr. Tobias Maier	NaWik
<b>17:30</b>	<b>End of Workshop</b>		
<b>17:45</b>	<b>Poster Session</b>	YOU	
<b>19:45</b>	<b>End of day II</b>		

Wednesday, 30. May

Time	Subject	Speaker	Institution
<b>9:30</b>	Quantum Plasmonics I	M. Agio	University of Siegen
<b>10:30</b>	<b>Coffee break</b>		
<b>11:00</b>	Quantum Plasmonics II	M. Agio	University of Siegen
<b>12:00</b>	<b>Lunch</b>		
<b>14:00</b>	Short range plasmons and orbital angular momentum I	H. Giessen	University of Stuttgart
<b>15:00</b>	<b>Coffee break</b>		
<b>15:30</b>	Short range plasmons and orbital angular momentum II	H. Giessen	University of Stuttgart
<b>18:00</b>	<b>School dinner</b>		

<b>22:00</b>	<b>End of day III</b>		
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Thursday, 31. May

Time	Subject	Speaker	Institution
<b>9:00</b>	Commercializing metamaterials: From research to applications	T. Kallos	Metamaterial Technologies Inc.
<b>9:45</b>	<b>Coffee break</b>		
<b>10:00</b>	Real world applications of holographic nanostructures	T. Kallos	Metamaterial Technologies Inc.
<b>10:45</b>	<b>Coffee break</b>		
<b>11:00</b>	Directional coupling of light near surfaces	Ivan Fernandez Corbaton	KIT
<b>12:00</b>	<b>Lunch</b>		
<b>14:00</b>	Nonlinear Plasmonics and Metasurfaces I	O. J. F. Martin	EPFL
<b>15:00</b>	<b>Coffee break</b>		
<b>15:30</b>	Nonlinear Plasmonics and Metasurfaces II	O. J. F. Martin	EPFL
<b>16:30</b>	<b>End of day IV</b>		

Friday, 1. June

Time	Subject	Speaker	Institution
<b>9:30</b>	From Diffractive optics to meta-surfaces I	P. Lalanne	Institut Optique
<b>10:30</b>	<b>Coffee break</b>		
<b>11:00</b>	From Diffractive optics to meta-surfaces II	P. Lalanne	Institut Optique
<b>12:00</b>	<b>Lunch</b>		
<b>14:00</b>	Metamaterials and coordinate transformations in optics, thermodynamics, and mechanics I	M. Wegener	KIT
<b>15:00</b>	<b>Coffee break</b>		
<b>15:30</b>	Metamaterials and coordinate transformations in optics, thermodynamics, and mechanics II	M. Wegener	KIT
<b>16:30</b>	<b>Closing ceremony</b>	C. Rockstuhl	KIT
<b>17:00</b>	<b>End of school</b>		