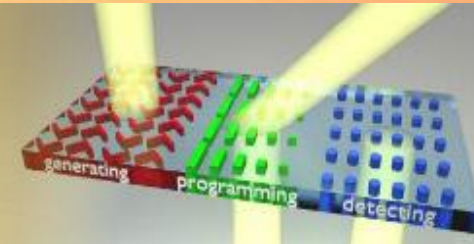


# META-ACTIVE Early Summer school

## Schedule



Time	Monday, 4.7.22	Tuesday, 5.7.22	Wednesday, 6.7.22	Thursday, 7.7.22
Location	Beutenberg IAP	Beutenberg ACP	online	Red House
8 – 10	Workshop on Good Scientific Practice by Dr. Dorit Schmidt		MetaActive Seminar: Jun.-Prof. Giancarlo Soavi	
10 – 12				
12 – 14				
14 – 16		Dr. Angela Barreda – Introduction to Lumerical		Dr. Martin Hafermann – Scientific figures
16 – 18				

# INTRODUCTION TO LUMERICAL

## **COACH: DR. ANGELA BARREDA**

Angela will guide you through the software to ease your start with calculations & modelling. First she will talk about some fundamentals of the program. Later, she will show some examples and address more practical problems that you will need to solve during your PhD.

TUE 05.07.: 14 – 16:30

Beutenberg, ACP, Seminar Room 2/ Aquarium

# META-ACTIVE LECTURE

**Jun.-Prof. Giancarlo Soavi:**

2D materials for hybrid active metasurfaces

Giancarlo will provide a short intro on 2D materials and discuss his research on nonlinear optics and ultrafast dynamics in 2D materials. Special attention will be given to the main goals of his Meta-Active project: light emission from 2D materials on a metasurface.

WED 06.07.: 8:30 – 10



# A GUIDE TO GREAT FIGURES

**COACH: DR. MARTIN HAFERMANN**

Figures are more than just plots and pictures. They are the key players in publications selling your results. Martin will introduce you to do's & don'ts and share advice on how to make great figures and which tools will be of help.

THU 07.07.: 14 – 16:30

Helmholtzweg, IFK - Red House, Seminar Room

# GOOD SCIENTIFIC PRACTICE

## **COACH: DR. DORIT SCHMIDT**

You will get an overview about the rules of good scientific practice and the handling with cases of scientific misconduct, and will explore the differences and grey areas of questionable research practice. You will learn about local, national and international regulations and guidelines. It is a goal of the course to create space for reflexion about values and attitudes of science and the role of scientists.

### Topics of this Workshop:

- Definitions of good scientific practice and scientific misconduct
- Degrees and extent of scientific misconduct
- Examples for responsible and irresponsible conduct of research
- Authorship and the process of publication, mentoring and supervision

MON 04.07.: 9 – ca. 16:30

Beutenberg, IAP, Seminar Room



# DIRECTIONS



IAP, Albert-Einstein-Str. 15, Seminar room 1<sup>st</sup>, floor, right entrance

<https://www.google.com/maps/place/50%C2%B054'35.3%22N+11%C2%B034'02.5%22E/@50.9097913,11.5651834,17z/data=!3m1!4b1!4m5!3m4!1s0x0:0x28bf02270cb52197!8m2!3d50.9097913!4d11.5673721>



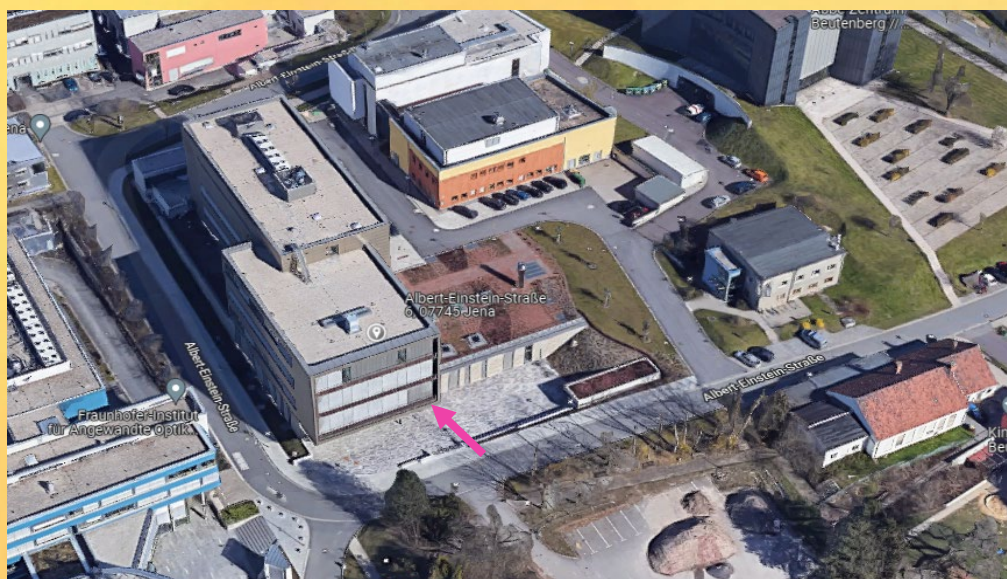
# DIRECTIONS



IAP, Albert-Einstein-Str. 15, Seminar room 1<sup>st</sup> floor, right entrance



IFK, Helmholtzweg 3, Seminar Room 1<sup>st</sup> floor



ACP, Albert-Einstein-Str. 6, Seminar room 2 in foyer from main entrance