

## **IMPRS core course**

# **Source technology**

(Geventis code I-UF C2)



## **Franz Kärtner and Thorsten Uphues**

The course provides an overview of the working principles of modern light/x-ray/electron sources, including the respective physics background and their current strengths and limitations. The focus will be on techniques and technical basics.

### Key topics:

Optics / Laser technology / Pulsed laser technology / Electron sources / Synchrotron-type radiation sources / Accelerator techniques

Date	Time	CFEL seminar room	Lecturer
17 <sup>th</sup> February	9 - 11 a.m.	IV	Franz Kärtner
19 <sup>th</sup> February	9 - 11 a.m.	V	Thorsten Uphues
24 <sup>th</sup> February	1 - 3 p.m.	IV	Franz Kärtner
26 <sup>th</sup> February	9 - 11 a.m.	V	Thorsten Uphues
26 <sup>th</sup> February	1 - 3 p.m.	V	Franz Kärtner
5 <sup>th</sup> March	9 - 11 a.m.	IV	Thorsten Uphues

Register on Geventis or by contacting Sonia Utermann