

## Treatment Planning MasterClass

**Date:** 21<sup>st</sup> October 2024

**Venue:** [Aristotle University Research Dissemination Center \(KEDEA\)](#), Thessaloniki, Greece

**web page:** <https://indico.cern.ch/e/TreatmentPlanningMasterClass>

(Times indicated are CEST i.e. UTC+2)

### Draft Agenda: 2 August 2024

#### Moderators:

<u>Time</u>	<u>Title</u>
09:00 – 09:30	TBA
09:30 – 10:00	<i>Physics and technology allied against cancer</i> <b>Capizzello Antonio</b> (AUTH / AHEPA)
10:00 – 10:30	<i>Treatment Planning in clinical environment</i> <b>George Giakoumetis</b> (AUTH / AHEPA)
10:30 – 11:00	<i>Treatment Planning matRad introduction</i> <b>Niklas Wahl</b> (DKFZ)
11:00 – 11:30	<i>Coffee Break</i>



- 11:30 – 13:00**     *Treatment Planning matRad introduction*  
**Niklas Wahl** (DKFZ)
- 13:00 – 14:30**     *Lunch Break*
- 14:30 – 16:30**     *Treatment Planning hands-on*  
**Niklas Wahl** (DKFZ)
- 16:30 -17:00**     *Coffee Break*
- 17:00 – 17:30**     *Particle Therapy MasterClass*  
**Yiota Foka** (GSI)
- 17:30 – 18:00**     *Particle Therapy MasterClass: tangible impacts*  
**Nermine Muradi** (Uni Tetovo)
- 18:00 – 18:30**     *HITRIplus schools and its impacts*  
**Nicholas Sammut** (Uni Malta)



## SPEAKERS FUNCTIONS AND AFFILIATIONS

[Speakers biographies, functions and affiliations can be found here.](#)

### Manjit Dosanjh

Former Senior Advisor for Medical Applications at CERN, Geneva, Switzerland.  
Visiting Professor at University of Oxford (U.K.). She has coordinated the ENLIGHT (European Network for Light Ion Hadron Therapy) Network since 2006. She is the Networking Pillar for the HITRIplus project.  
Project Leader for STELLA (Smart Technologies to Extend Lives with Linear Accelerators)

### Capizzello Antonio

Ass. Professor of Aristotle University of Thessaloniki, Radiotherapy oncology department, AHEPA University Hospital, Thessaloniki Greece

### Giakoumetis George

Medical Physics Department, AHEPA University Hospital, Thessaloniki Greece

### Niklas Wahl

Leader of the research group Radiotherapy Optimization, Department of Medical Physics in Radiation Oncology led by Prof. Jäkel, at the German Cancer Research Center – DKFZ

### Yiota Foka

Senior Researcher, Extreme Matter Institute, GSI, Germany

### Nermine Muradi

MSc of Physics at Uni Tetova, teaching assistant at Uni Tetova, North Macedonia

### Nicholas Sammut

Academic staff at Uni Malta and research affiliate at CERN



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