

# EuPRAXIA-DN Camp III: Innovation



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## Welcome / admin & logistics

*Monday 6 October 2025 09:00 (30 minutes)*

Contribution ID: 2

Type: **not specified**

## Putting it all together / Discussion

*Tuesday 7 October 2025 15:45 (15 minutes)*

Contribution ID: 3

Type: **not specified**

## High-Brightness X-rays for Biology/Chemistry

*Monday 6 October 2025 09:30 (1 hour)*

**Presenter:** HIDDING, Bernhard (HHU)

**Session Classification:** Session 1: High-Brightness X-rays for Biology/Chemistry

Contribution ID: 4

Type: **not specified**

## Medical Applications of Plasma Accelerators

*Monday 6 October 2025 14:00 (1 hour)*

**Presenter:** GERLACH, Sonja (LMU Munich)

**Session Classification:** Session 2: Medical Applications of Plasma Accelerators

Contribution ID: 5

Type: **not specified**

## **An analytic solution for plasma expansion into a vacuum**

*Monday 6 October 2025 15:30 (30 minutes)*

**Presenter:** Dr BARNA, Imre Ferenc (Wigner Research Center for Physics)

**Session Classification:** Session 2: Medical Applications of Plasma Accelerators

Contribution ID: 6

Type: **not specified**

## **Betatron radiation –Applications**

*Tuesday 7 October 2025 09:00 (1 hour)*

**Presenter:** NAJMUDIN, Zulfikar (Imperial College London)

**Session Classification:** Session 3: Betatron radiation –Applications

Contribution ID: 7

Type: **not specified**

## Terahertz Pulse Sources

*Tuesday 7 October 2025 10:00 (30 minutes)*

**Presenter:** KRIZSÁN, Gergő (University of Pécs)

**Session Classification:** Session 3: Betatron radiation –Applications



Contribution ID: 8

Type: **not specified**

## High-impact Beamlines for R&D Hubs

*Tuesday 7 October 2025 14:00 (1 hour)*

**Presenter:** PACEY, Thomas (STFC Daresbury Laboratory)

**Session Classification:** Session 4: High-impact Beamlines for R&D Hubs

Contribution ID: 9

Type: **not specified**

## **Configurations of targets and detectors for femtosecond laser-driven acceleration and fusion**

*Tuesday 7 October 2025 15:00 (30 minutes)*

**Presenter:** ALADI, Mark (Wigner RCP)

**Session Classification:** Session 4: High-impact Beamlines for R&D Hubs

Contribution ID: **10**

Type: **not specified**

## **Terahertz driven electron acceleration using a parabolic mirror or a paraboloid ring**

*Tuesday 7 October 2025 11:00 (30 minutes)*

**Presenter:** PÁLFALVI, László (University of Pécs)

**Session Classification:** Session 3: Betatron radiation –Applications

Contribution ID: 11

Type: **not specified**

## **Spectral interferometry with high harmonics, isolated attosecond pulses from laser plasmas on solid targets**

*Tuesday 7 October 2025 11:30 (30 minutes)*

**Presenter:** FÖLDES, István B (Wigner)

**Session Classification:** Session 3: Betatron radiation –Applications