



## Work Package 13

---

# DIAGNOSTICS



# WP 13: DIAGNOSTICS

---

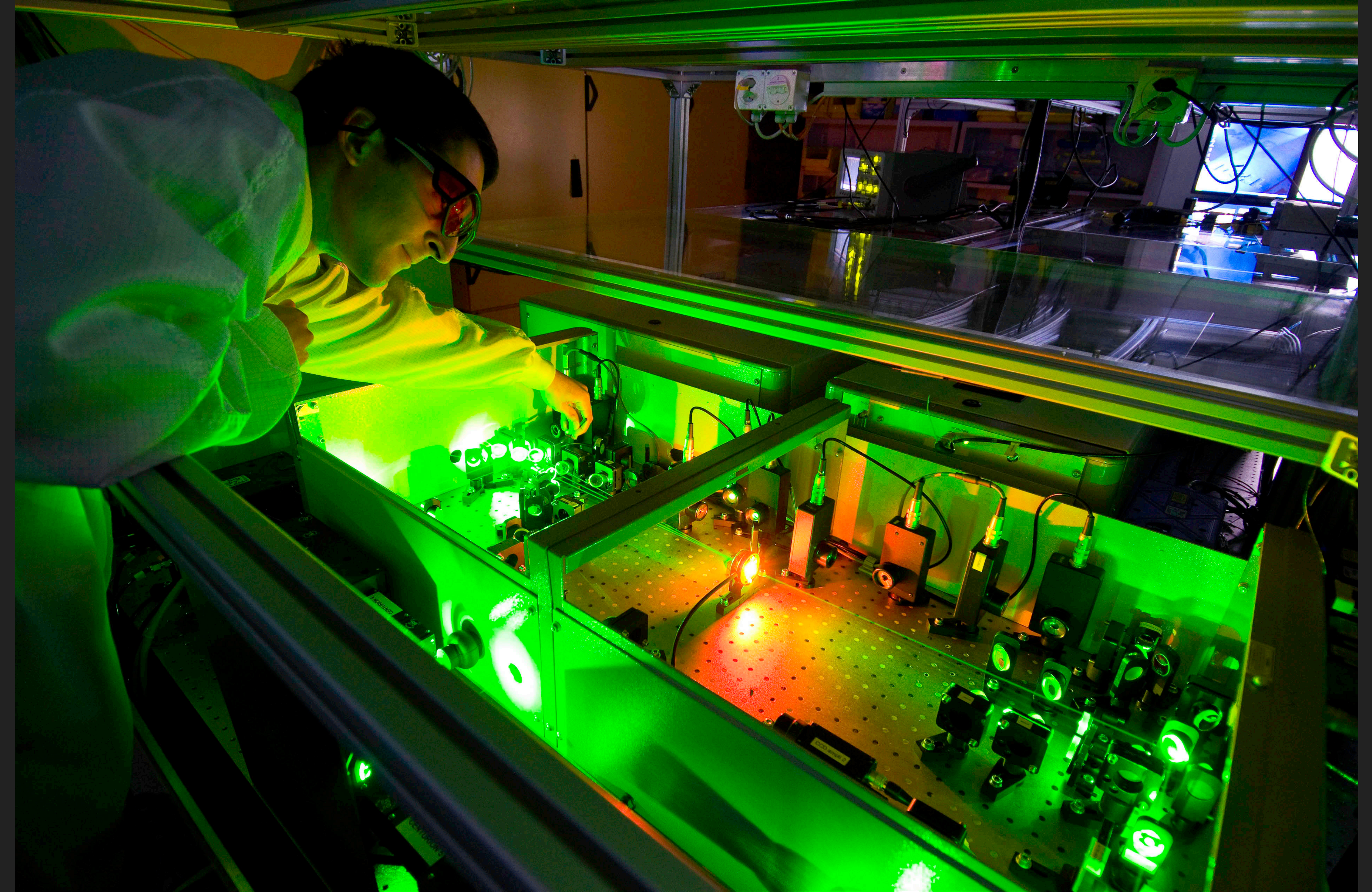
- ▶ People:
  - ▶ Coordinators: Alessandro, Rasmus
  - ▶ Contributions from CNR, CNRS, IP-ASCR, CERN, CLPU, HUJ, ALBA-CELLS, UCLA, EMPA, UKRI: please give us contact details!
- ▶ Scope:
  - ▶ Instrumentation and diagnostics for electron and X-ray beams





# CONNECTIONS TO OTHER WORK PACKAGES

- ▶ Laser diagnostics
- ▶ Beam dynamics
- ▶ Diagnostics for alternative concepts
- ▶ Doctoral network
- ▶ Coordination, organization, outreach



- ▶ If you are interested in EuPRAXIA diagnostics, leave us a note!



# CONTRIBUTIONS FROM OTHER WORK PACKAGES

---

Evangelos Gazis

National Technical University Athens

Eleni Adamidi

National Technical University Athens

Gianluca Sarri

Queens University Belfast

Elias Gerstmayr

Queens University Belfast

Temour Foster

Queens University Belfast

Luke Calvin

Queens University Belfast

Petra Koester

Consiglio Nazionale delle Ricerche Pisa

Chris Armstrong

Science and Technology Facilities Council

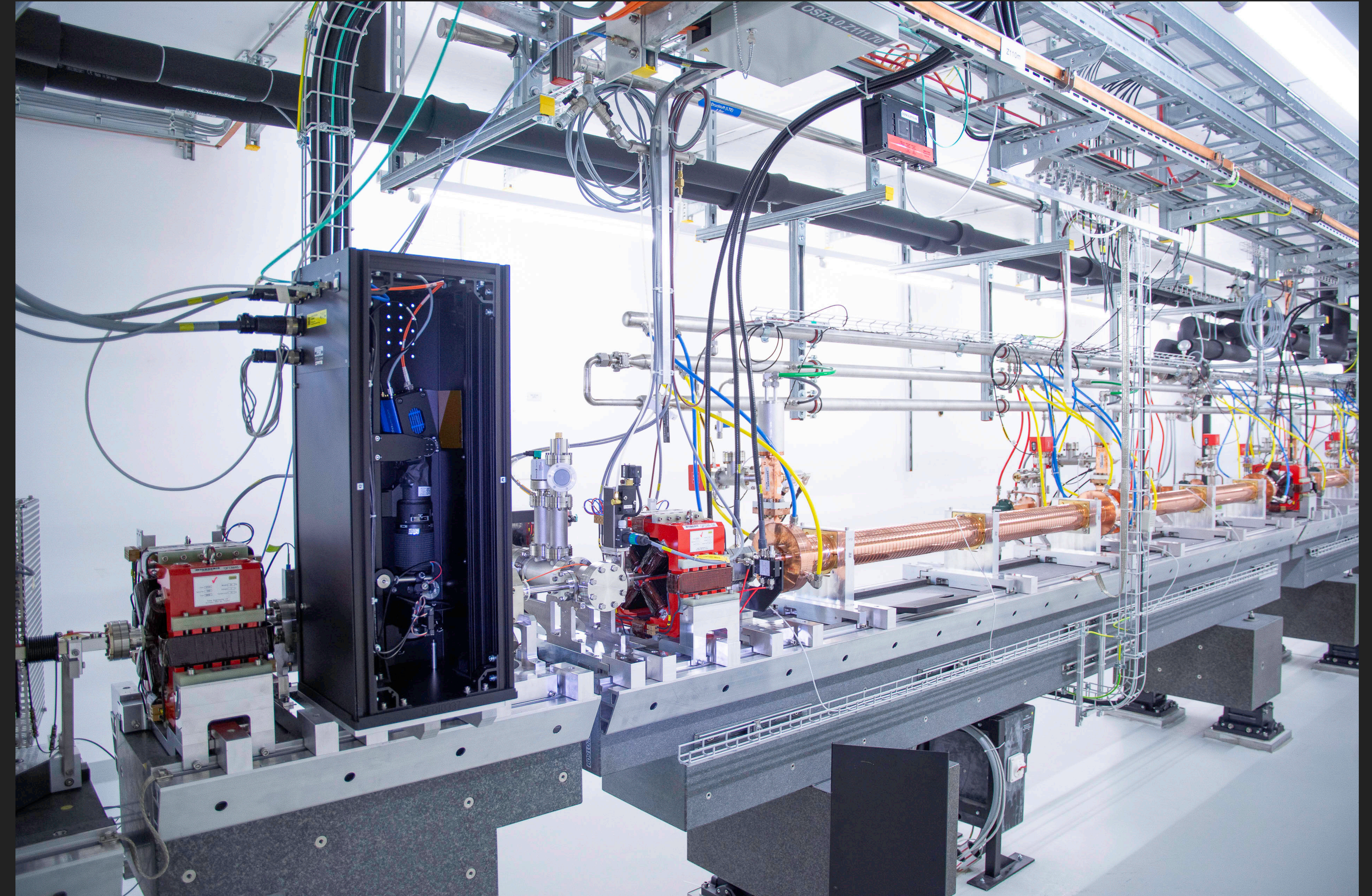
Arnd Specka

CNRS



# CONNECTIONS OUTSIDE EuPRAXIA

- Instrumentation for RF-driven FELs





# MILESTONES AND DELIVERABLES

---

## ACTIONS

Workshop on instrumentation  
for free electron lasers

Existing  
personnel

Students and  
PostDocs

Experimental  
work

## MILESTONES AND DELIVERABLES

D13.1 — Report on structures to be  
funded on national/bilateral/European  
level for diagnostics systems

D13.2 — Report on technical results  
achieved in the field of diagnostics

D13.3 — TRL report and maturity  
assessment on the development of  
diagnostics

# WORKSHOP ON INSTRUMENTATION FOR EuPRAXIA

---

- ▶ Planned time frame: Fall 2023
- ▶ Place: to be determined
- ▶ Goals:
  - ▶ Collect information on instrumentation and diagnostics for EuPRAXIA
  - ▶ Define structures for future collaboration
- ▶ If you wish to participate, subscribe to our e-mail list:  
<https://psilists.ethz.ch/sympa/subscribe/eupraxia.diagnostics>



# QUESTIONS?

