

# Welcome to the 1<sup>st</sup> DRD3 collaboration week

Gregor Kramberger, JSI



# DRD3 collaboration - welcome

# DRD3

## Road map to formation

- ECFA detector R&D road map documents (12/2021)
- Formation of the DRD3 proposal teams (2022)
- Sending out questionnaires (12/2022)
- **1<sup>st</sup> scientific preparatory meeting (3/2023)**
- Drafting of the proposal with many ideas (04-10/2023)
- Scientific Proposal submitted (10/2023)
- **2<sup>nd</sup> DRDC&RB meeting (12/2023)** – provisional approval
- **1<sup>st</sup> DRD3 CB meeting** - election of the CB chair (01/2024)
- **2<sup>nd</sup> DRD3 CB meeting** Election of the SP (02/2024 – 2<sup>nd</sup> CB meeting)
- **3<sup>rd</sup> DRDC meeting** – provisional approval extended (03/2024)
- Benning of scientific meetings (04-05/2024)
- **3<sup>rd</sup> CB meeting** - Endorsement of the positions (04/2024)
- Submission of revised proposal (5/2024)
- **4<sup>th</sup> DRDC meeting – approval of the collaboration (06/2024)**
- **1<sup>st</sup> DRD3 week**

Many **thanks to all who made** it possible:

- heads of the DRD3 proposal team Giulio and Nicolo
- DRD3 proposal team
- the conveners/presenters in the preparatory workshops
- present WG/WP conveners
- authors of the ECFA roadmap document
- DRDC



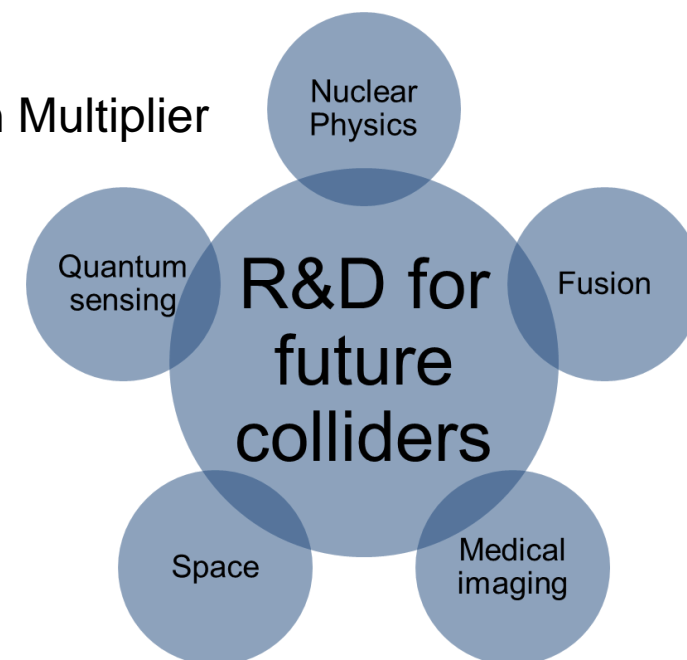
**143 institutions / 600++ people in the community e-group**



- Working group (WG) = organizational structure of the work which should have a long term horizon
- Related to a long term R&D activity aiming to fulfil research goals. This encompasses R&D **that can be also outside DRDTs**, but is related to semiconductor detectors, e.g.:
  - R&D outside particle physics application with benefits for HEP (we are open for all semiconductor R&D)
  - novel semiconductor material characterization (solid state physics)
  - technology not yet listed in the Work package guidelines (Silicon Electron Multiplier Sensors...).

## Working group activities

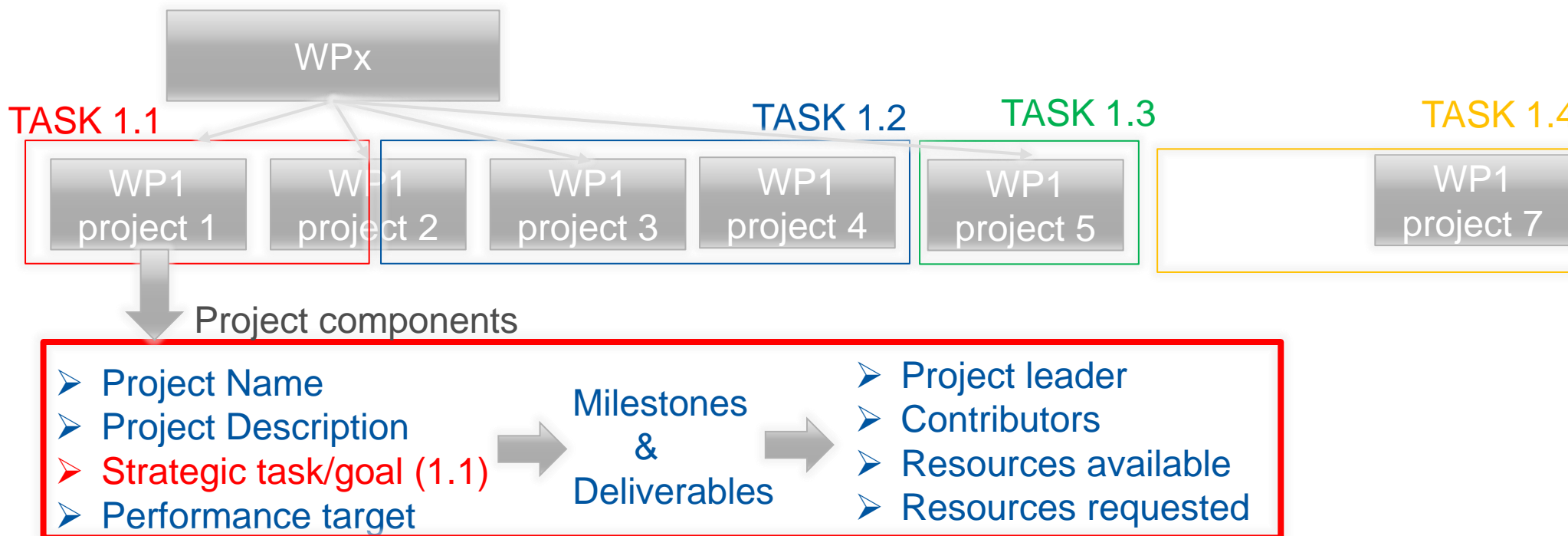
Strategic HEP R&D activities mostly contained in the WG

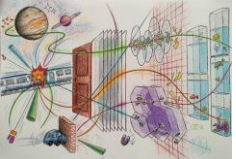




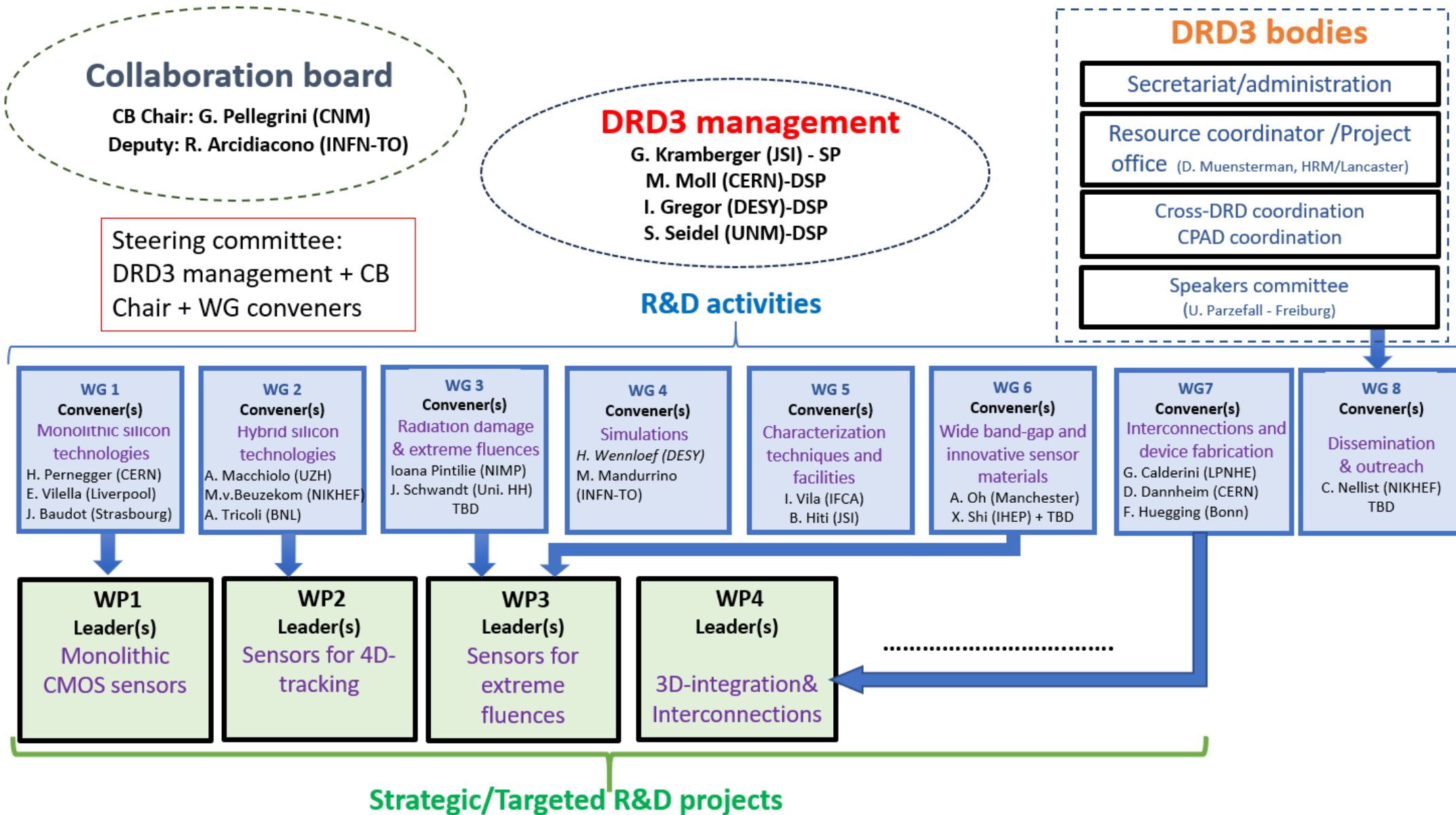
# Work package (difference wrt to past R&D)

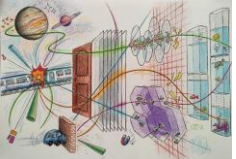
- DRD3 will be strategically financed – FA (will) agree to finance sensor R&D
- The level and implementation of these commitments will depend on FA/country
- This funding will be devoted to implementation of the goals outlined in the **ECFA detector RD road map** document and in **the scientific proposal**
- Work packages (WP) = financial/resource structure
- The strategic research will be done in the framework of work packages to which FA should agree (yearly, but in simplified way without full signature procedure)





# Organization of the collaboration

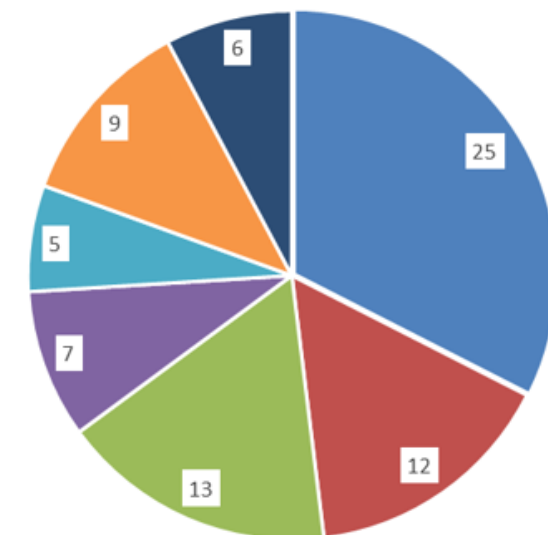




# Organization of the first DRD3 week

# DRD3

Distribution of talks



■ WG1 ■ WG2 ■ WG3 ■ WG4 ■ WG5 ■ WG6 ■ WG7

- **Monday**
  - WG1 – CMOS technologies
- **Tuesday:**
  - WG1 early morning
  - WG2 (Hybrids sensor technologies) most of the day
  - **CB meeting in the evening (restricted to CB members)**
- **Wednesday**
  - WG3 – in the morning
  - WG7 – early afternoon
  - WG3 – late afternoon
- **Thursday**
  - WG6 – in the morning
  - WG8 – early afternoon
  - WG4 – late afternoon
- **Friday**
  - WG5 – early in the morning
  - General discussion

## Statistics:

- 79 – talks
- 268 – registrants
- 115 – in person

## DRD3 week dinner:

CERN R1 – separated – we find it very important to form bonds

## Special thanks to:

- Patricia MAGE-GRANADOS and Caroline Cazenoves (EP-AGS-SCS) for organizing the dinner/coffee breaks and getting us the main auditorium
- all WG conveners for going through the abstracts and forming a coherent agenda
- All of you contributing to the DRD3 week