**Dear ECFA national contacts**

**We would like to receive your answers by 8/03/2021**

**Questions on national strengths (equal to all TFs):**

1. Areas of particular national strength or of minimal significant activity within the topics covered by the Task Force 3 Solid State Detectors
2. Current national plans for strategic investment relevant to this Task Force area
3. Significant opportunities for seeking future resources, particularly (though not only) through European schemes (also in synergy with other science areas) that should be considered when highlighting R&D priorities

**Specific questions related to TF3 topics.**

For a given topic (feel free to add a topic if you consider it missing),

Let us know the type of R&D you think is particularly relevant, and how you rate it in terms of priority with respect to the other R&Ds in the table.

The “comments” space is available to provide more insights

on the specific topic. For example the needed level (0.1% of radiation length, 1000 m^2), what technologies are considered more relevant and/or if there are ongoing/planned national R&D efforts (additional details not covered in questions 1) or 2) )

|  |  |  |  |
| --- | --- | --- | --- |
| **Topic\R&D priority** | **Low** | **medium** | **high** |
| **Low material budget** |  |  |  |
| Comments |  | | |
| **Spatial resolution** |  |  |  |
| Comments |  | | |
| **Temporal resolution** |  |  |  |
| Comments |  | | |
| **Large area** |  |  |  |
| Comments |  | | |
| **Occupancy** |  |  |  |
| Comments |  | | |
| **Radiation resistance** |  |  |  |
| Comments |  | | |

**Indicate broad national interests and outline the needs**

|  |  |  |
| --- | --- | --- |
|  | **Facility**  **(collider, fixed-target, non-accelerator)** | **Type of interaction/**  **experiments** |
|  | FCC-hh | pp, hh |
| Comments | Example: We would like a tracker that survives 1E18 n/cm2 and provides hot coffee every morning to the shift crew | |
|  |  | |
| Comments |  | |
|  |  | |
| Comments |  | |
|  |  | |
| Comments |  | |