

Second DRD3 questionnaire

Dear Institution Leader

Please take a few minutes of your time to complete
the following questionnaire.

Acronyms:

WG = Working Group

WP = Work Package

CB = Collaboration Board

1 Name of the institution:

2 Address:

3 Country:

4 CB representative of the institution

5 Email of the CB representative:

6 Number of persons contributing to DRD3

7 Give the Institution name and authors list for the DRD3 proposal (latex format is encouraged).

Is your institute interested in the following **WORKING GROUPS**?

8 WG1 Monolithic CMOS Sensors

Question instructions: *Select one answer*

☐ yes ☐ no

9 WG2 Sensors for Tracking and Calorimetry

Question instructions: *Select one answer*

☐ yes ☐ no

10 WG3 Radiation damage and extreme fluences

Question instructions: *Select one answer*

☐ yes ☐ no

11 WG4 Simulation

Question instructions: *Select one answer*

☐ yes ☐ no

12 WG5 Characterization techniques, facilities

Question instructions: *Select one answer*

☐ yes ☐ no

13 WG6 Wide bandgap and innovative sensor materials

Question instructions: *Select one answer*

☐ yes ☐ no

14 WG7 Interconnect and device fabrication

Question instructions: *Select one answer*

☐ yes ☐ no

15 WG8 Dissemination and outreach

Question instructions: *Select one answer*

☐ yes ☐ no

Is your institute interested in the following WORK PACKAGES?

16 WP1: DMAPS Spatial resolution

☐ yes ☐ no

17 WP2: DMAPS Timing resolution

Question instructions: *Select one answer*

☐ yes ☐ no

18 WP3: DMAPS Readout architectures

Question instructions: *Select one answer*

☐ yes ☐ no

19 WP4: DMAPS Radiation tolerance

Question instructions: *Select one answer*

☐ yes ☐ no

20 WP5: 4D tracking with 3D sensors

Question instructions: *Select one answer*

☐ yes ☐ no

21 WP6: 4D tracking with LGAD sensors

Question instructions: *Select one answer*

☐ yes ☐ no

22 WP7: Extreme fluence - wide band-gap materials (SiC, GaN)

Question instructions: *Select one answer*

☐ yes ☐ no

23 WP8: Extreme fluence - Diamond detectors

Question instructions: *Select one answer*

☐ yes ☐ no

24 WP9: Extreme fluence - Silicon detectors

Question instructions: *Select one answer*

☐ yes ☐ no

25 WP10: 3D integration - Fast and maskless interconnect

Question instructions: *Select one answer*

☐ yes ☐ no

26 WP11: 3D Integration - in house post-processing for hybridization

Question instructions: *Select one answer*

☐ yes ☐ no

27 WP12: Advanced interconnection techniques for detectors

Question instructions: *Select one answer*

☐ yes ☐ no

28 WP13: 3D Integration - Mechanics and cooling

Question instructions: *Select one answer*

☐ yes ☐ no

Is your institute interested in participating in DRD3 common projects?

Here are a few examples of past projects:

- 1) MPW-4,
- 2) Defect engineering PAD diodes mimicking the gain layer in LGADs,
- 3) SiC-LGAD

29 Common Projects

☐ yes ☐ no ☐ not sure