

32nd RD50 Workshop, Hamburg, 4-6. June 2018



RD50 – Latest News – June 2018

... recent discussions with the LHCC

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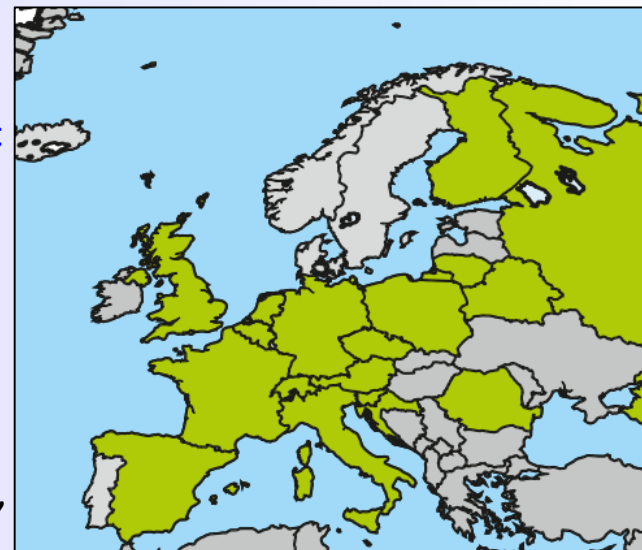
CERN, Geneva, Switzerland



- **RD50: 59 institutes and 345 members**

50 European institutes

Austria (HEPHY), Belarus (Minsk), Belgium (Louvain), Czech Republic (Prague (3x)), Finland (Helsinki, Lappeenranta), France (Paris, Orsay), Germany (Dortmund, Erfurt, Freiburg, Hamburg (2x), Karlsruhe, Munich(2x)), Italy (Bari, Perugia, Pisa, Trento, Torino), Croatia (Zagreb), Lithuania (Vilnius), Netherlands (NIKHEF), Poland (Krakow, Warsaw(2x)), Romania (Bucharest (2x)), Russia (Moscow, St.Petersburg), Slovenia (Ljubljana), Spain (Barcelona(3x), Santander, Sevilla (2x), Valencia), Switzerland (CERN, PSI, Zurich), United Kingdom (Birmingham, Glasgow, Lancaster, Liverpool, Oxford, RAL)



7 North-American institutes

USA (BNL, Brown Uni, Fermilab, LBNL, New Mexico, Santa Cruz, Syracuse)

1 Middle East institute

Israel (Tel Aviv)

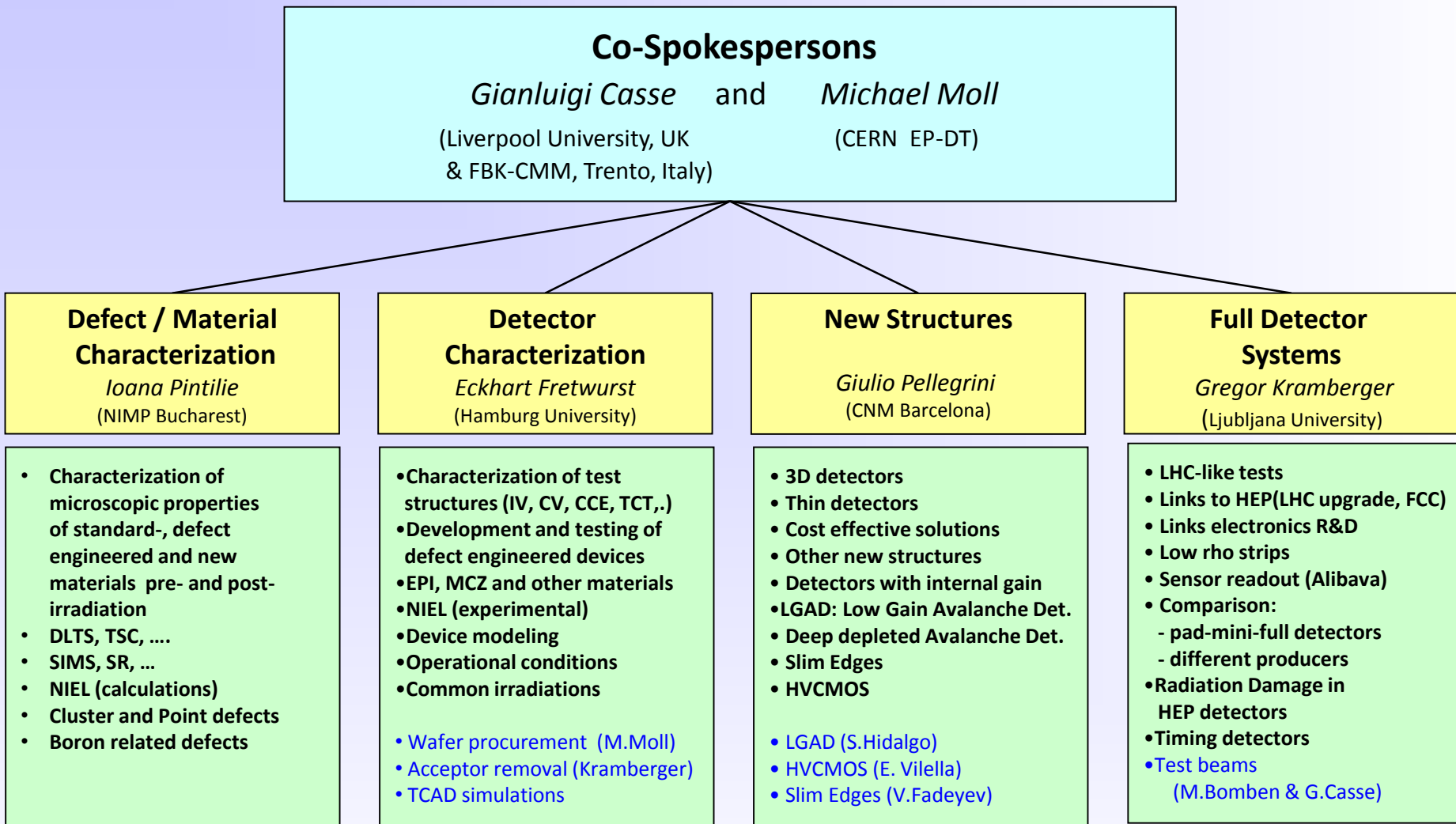
1 Asian institute

India (Delhi)

Detailed member list: <http://cern.ch/rd50>

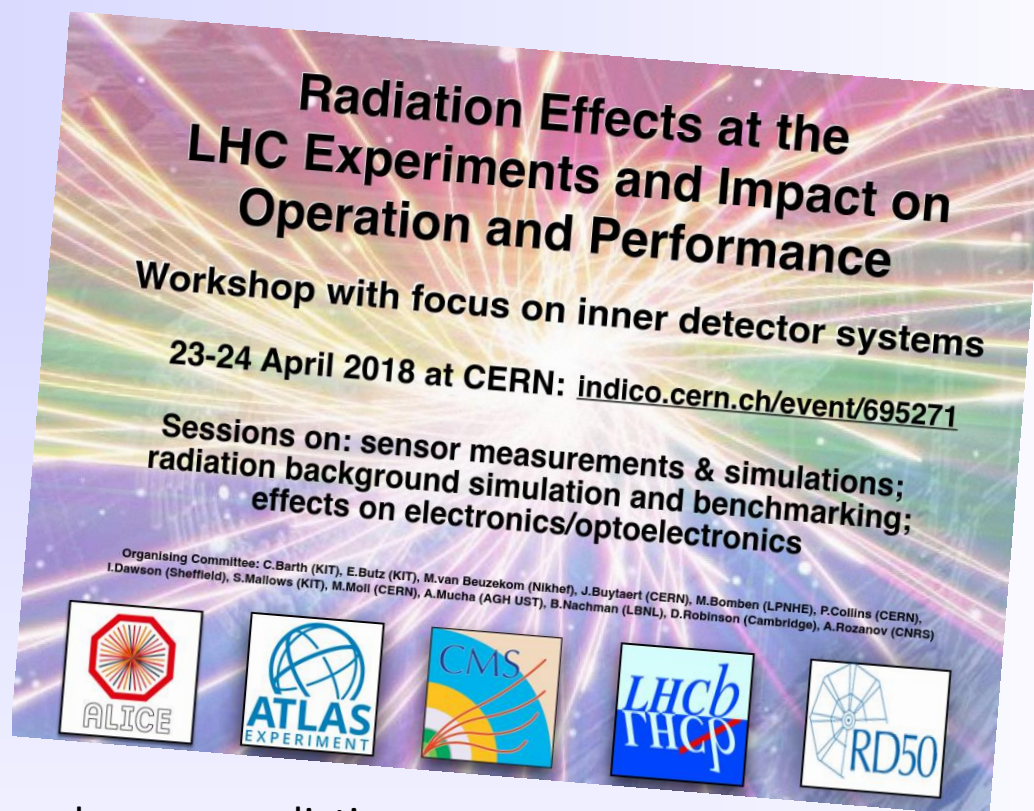


**+4 institutes requested to RD50
...to be discussed this evening**



*Collaboration Board Chair & Deputy: G.Kramberger (Ljubljana) & J.Vaitkus (Vilnius), Conference committee: U.Parzefall (Freiburg)
 CERN contact: M.Moll (EP-DT), Secretary: V.Wedlake (EP-DT), Budget holder & GLIMOS: M.Moll & M.Glaser (EP-DT)*

- **Radiation Effects at LHC Experiments and Impact on Operation and Performance**
 - **Common Workshop: (ALICE), ATLAS, CMS, LHCb, RD50** [<https://indico.cern.ch/event/695271/>]
 - CERN, 23-24 April 2018
 - **4 sessions:**
 - Sensor Measurements
 - Electronics/Optoelectronics
 - Radiation Background Simulation and Monitoring
 - Sensor Simulation
 - **Workshop statistics:**
 - 124 participants
 - 32 talks, discussion sessions
 - **Outcome and follow-up:**
 - Generally: good agreement between damage predictions by RD50 models (“Hamburg model”) and radiation damage observed by the experiments.
 - Report under preparation to summarize observations, compare results of different experiments against each other, list open questions and outline further work
 - ...follow-up workshop anticipated for early 2019



- The LHCC (Large Hadron Collider Committee) is reviewing the LHC experiments and the CERN RD experiments, i.e. also RD50
- On 1. May we received the request to produce a detailed work plan for the coming years
- Thanks to the contribution of the RD50 institutes and especially the research line conveners we could submit the work plan on 13.May to the LHCC: **Many thanks for all contributions!**
 - Document: “RD50 Prolongation Request”
 - Covering the years 2018 to 2023
 - Containing 67 milestones
- First feedback from LHCC very positive.

Take a look!

....and make this program happen!

<https://cds.cern.ch/record/2320882/files/LHCC-SR-007.pdf>



- **Happy Birthday Eckhart**



Dr. Eckhart Fretwurst

80 years