

RD51 Collaboration Meeting and the "MPGD Stability" workshop, Munich 18-22 June 2018

Tuesday 19 June 2018

WG4 - Simulations and Software Tools - Faculty Club (09:00-10:30)

-Conveners: Piet Verwilligen; Ozkan Sahin; Rob Veenhof

time	[id] title	presenter
09:00	[21] From Molecules to droplets- learning the formation of Clouds using the CLOUD Chamber at CERN. Development of a charged Cloud Condensation Nuclei (CCN) Generator	PFEIFER, Joschka
09:20	[22] Ion Mobility studies in Ar-CF ₄ -iC ₄ H ₁₀ mixtures for the LCTPC Collaboration	CORTEZ, Andre
09:40	[50] MPGD simulation in negative ion gas for direction-sensitive dark matter search	Mr ISHIURA, Hirohisa
10:00	[23] Magboltz update for N ₂ O	VEENHOF, Rob BIAGI, Stephen
10:10	[51] A Toolkit for the simulation of Detector Charging Up/Down	PITT, Michael

WG4 - Simulations and Software Tools - Faculty Club (11:00-12:30)

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time	[id] title	presenter
11:00	[30] Understanding discharge formation in GEM detectors by simulating the primary charge density	MATHIS, Andreas
11:20	[47] Interfacing Geant4, Garfield++ and Degrad: A step-by-step introduction	PFEIFFER, Dorothea
11:40	[48] Simulation of a multi-wire drift chamber with the GEANT-Garfield interface	DE KEUKELEERE, Lennert
12:00	[46] Accelerating Garfield++ simulation: GEM case study	BOUHALI, Othmane