

Session Program

21-23 Oct 2019

RD51 Collaboration Meeting

***WG4 - Modelling of Physics Processes and
Software Tools***

CERN, 6/2-024 - BE Auditorium Meyrin

Monday 21 October

14:00

WG4 - Modelling of Physics Processes and Software Tools

Session | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin | **Conveners:**
Rob Veenhof, Ozkan Sahin, Ozkan Sahin, Piet Verwilligen

14:00–14:30 **A better understanding of the gas gain in GEM detector**

Speaker
Djunes Janssens

14:30–14:50 **Fast Simulation of GEM detectors**

Speakers
Evaristo Cisbani, Vanessa Brio

14:50–15:10

GEM simulations: a flexible and efficient microscopic simulation model based on Garfield++

Speaker
Riccardo Farinelli

15:30

15:50

WG4 - Modelling of Physics Processes and Software Tools

Session | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin | **Conveners:**
Rob Veenhof, Piet Verwilligen, Ozkan Sahin, Ozkan Sahin

15:50–16:10 **Triple-GEM Simulation Studies**

Speaker
Henning Keller

16:10–16:30 **Simulation of Space-Charge effects in MPGDs using GPUs**

Speaker
Samuel Salvador

16:30–16:50 **Resistance calculation of NSW Micromegas PCB with Cadence**

Speaker
Philippe Schune

16:50–17:10 **PyBoltz**

Speakers
Mr Bashar Al Atoum, Ben Jones, Ben Jones

17:10–17:30 **From Sensor Technologies to Detector Electronics**

Speakers
Mr Sadullah Öztürk, Yalcin Kalkan

18:00