

**Session Program**

**21-23 Nov 2011**

**RD51 mini week**

***WG4 - Simulation & software***

CERN

# Wednesday 23 November

14:30

## WG4 - Simulation & software

**Session** | **Location:** CERN, 30/7-018 - Kjell Johnsen Auditorium | **Conveners:**  
Alain Bellerive, Carlos Alberto Bastos de Oliveira, Rob Veenhof

**14:30-15:00** **Gas gain in a single GEM: parameter space**

**Speaker**  
Sven Dildick

**15:00-15:30** **Gas gain in a single GEM: comparison with experimental data**

**Speaker**  
Mythra Varun Nemallapudi

**15:30-16:00** **Gas gain in a single GEM: charge deposited on the dielectric**

**Speaker**  
Pedro Correia

**16:00-16:30** **The role of CF<sub>4</sub> in gas amplification in GEMs**

**Speaker**  
Mohapatra Ankit Durgasis

**16:30-17:00** **Coffee pause**

**17:00-17:30** **Ion back drift studies using Garfield++ for the ILD TPC**

**Speaker**  
Klaus Zenker

**17:30-18:00** **Excitation cross sections**

**Speakers**  
Buck Terry John, Ozkan Sahin

**18:00-18:30** **Penning effects in Xe**

**Speakers**  
Ozkan Sahin, ozkan sahin

**18:30-19:00** **Compressibility corrections in Xe**

**Speaker**  
Rob Veenhof

**19:00-19:30** **neBEM 1.8.6**

**Speaker**  
Prof. Supratik Mukhopadhyay

**19:30-20:00** **X-ray absorption in a GEM**

**Speakers**  
Ozkan Sahin, Yalcin Kalkan, Yalçın Kalkan

20:30