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# 19th International Workshop on Computational Physics and Material Science: Total Energy and Force Methods | (smr 3266)

## Wednesday 09 January 2019

### Session 3 - Spins, Correlations and Entanglement and Quantum Information - Budinich

**Lecture Hall (LB) (14:20-16:25)**

time	title	presenter
14:20	Chairperson: QUEK Su Ying	
14:25	Modelling point defects for quantum information science	VAN DE WALLE, Christian
14:55	Many body effects in transition metal oxygen transport with dynamical mean-field theory	WEBER, Cedric
15:25	Non-local interactions and non-local correlations: examples of dynamical mean field calculations for realistic materials	BIERMANN, Silke
15:55	Coffee break	