

Time	Presenter	Institute	Title of Presentation
Session 1			
April 23rd			
2:00 - 2:20pm	Beatriz Noheda	University of Groningen, Netherland	Operando studies of the interplay between ferroelectricity and electrochemistry in all-oxide MIM Hf _{0.5} Zr _{0.5} O ₂ heterostructures
2:30 - 2:50pm	Nick Barrett	CEA-Saclay, Paris, France	Oxygen vacancies in hafnia-based ferroelectric capacitors
3:00 - 3:20pm	Martina Müller	Universität Konstanz, Germany	Defect and interface chemistry in ferroelectric HfO ₂ explored by HAXPES
Session 2			
April 30th			
2:00 - 2:20pm	Thanasis Dimoulas	Demokritos, Athens, Greece	Metastable ferroelectricity in scaled HZO induced by depolarizing fields: a phenomenological Landau-Ginzburg approach
2:30 - 2:50pm	Jordan Bouaziz/B. Vilquin	Université de Lyon, Lyon, France	Tracking polarization loss and imprint during electrical tests in sputtered TiN/HZO/TiN capacitors
3:00 - 3:20pm	Alex Hsain/Jacob Jones	NC State, Raleigh, USA	The Effect of Vacuum Breaking on Properties of HfO ₂ -ZrO ₂ binary system capacitors
Session 3			
May 7th			
2:00 - 2:20pm	Alfred Kersch	Univ. of Appl. Sciences, Munich, Germany	Oxygen vacancies in HfO ₂ /ZrO ₂ and impact on the formation of the ferroelectric phase
2:30 - 2:50pm	Lucian Pintilie	NIMP, Magurele, Romania	Structural investigations of HZO films and connection with macroscopic electrical properties
3:00 - 3:20pm	P. Buragohain/A. Gruverman	UN Lincoln, Nebraska, USA	Nanoscale studies of imprint behavior in ferroelectric La:HfO ₂ capacitors
Session 4			
May 14th			
2:00 - 2:20pm	Igor Stolichnov	EPFL, Lausanne, Switzerland	How do ferroelectric hafnium switch? Insight from nanoscopic analysis by PFM.
2:30 - 2:50pm	F. Berg/U. Boettger	RWTH Aachen, Germany	Effects of Moisture in Ferroelectric Switching HfO _x
3:00 - 3:20pm	Sayeef Salahuddin	UC Berkeley, California, USA	Ferroelectricity and Negative Capacitance in Ultra-thin Layers of HfO ₂ Based Fluorite Oxides
Session 5			
May 21th			
2:00 - 2:20pm	Min Hyuk Park	Pusan National University	Interfacial engineering as a strategy to improve remanent polarization of Hf _{0.5} Zr _{0.5} O ₂ thin film
2:30 - 2:50pm	Anna Chernikova/A. Markeev	MIPT, Moscow, Russia	Electrode-Ferroelectric Interface engineering for improvement of HfO ₂ -based FeRAM memory stacks
3:00 - 3:20pm	Uwe Schroeder	NamLab, Dresden, Germany	Impact of interfacial layers on retention performance of Hf _{0.5} Zr _{0.5} O ₂ based capacitors
Session 6			
May 28th			
2:00 - 2:20pm	Cheol Seong Hwang	Seoul National University	Review of ferroelectric field-effect transistors for three-dimensional storage applications
2:30 - 2:50pm	Laurent Grenouillet	LETI, Grenoble, France	HfO ₂ -based BEOL-integrated ferroelectric capacitor for ultra low power FeRAM
3:00 - 3:20pm	Franz Müller/Wenke Weinreich	FhG IPMS-CNT, Dresden, Germany	Characterization of Percolation Paths of FeFETs
3:30 - 3:50pm	Sourav Dutta/Suman Datta	Notre Dame, IN, USA	Monolithic 3D Integration of Ferroelectric FET for Accelerating Compute-In-Memory