

3rd International Workshop on
ACCELERATOR-DRIVEN SUB-CRITICAL SYSTEMS & THORIUM UTILIZATION
Virginia Commonwealth University, Richmond, Virginia, USA

Final Program (10/14/2014)

October 14-17, 2014

TUESDAY OCTOBER 14, 2014		
6:00 pm – 8:00 pm	Registration	VCU Student Commons Richmond Salons
7:00 pm – 8:30 pm	Opening Reception	
WEDNESDAY OCTOBER 15, 2014		
9:00 am – 12:00 pm	Opening Plenary Session Chair: Ganapati Myneni	VCU Student Commons Virginia A-D Salon
9:00 am	Associate Dean of Research, Ram Gupta, VCU School of Engineering	
9:15 am	John Kelly, US Department of Energy	
9:45 am	Jean-Pierre Charles Revol, CERN “Summary of the ThEC13 Conference”	
10:15 am	BREAK	
10:30 am	P. K. Vijayan, BARC “Indian Thorium Energy Roadmap”	
11:00 am	Peter Baeten– SCK-CEN “MYRRHA Status Report”	
11:30 am	Akira Yamamoto, KEK “Prospect of ingot niobium Cavities for International Linear Collider”	
12:00 pm – 1:30 pm	Lunch	VCU Student Commons James River Terrace
1:30 pm – 5:30 pm	Technical Session 2: Thorium Utilization and Thorium Systems Session Chair: Andrew Hutton	VCU Student Commons Virginia A-D Salon
1:30 pm	J.C. Kennedy, Three Consulting LLC “Creating a Multi-National Development Platform: Thorium Energy & Rare Earth Value Chain”	
2:00 pm	S. Degweker, BARC “Indian ADS R&D Program”	
2:30 pm	Jack Devanney, Martingale Inc. “Thorcon’s Path to Thorium Utilization”	
3:00 pm	John Kutsch, TEA “Overview of an Electro Beam Driven Small Reactor Using Thorium Fuel”	
3:30 pm	BREAK	
4:00 pm	Lei Yang, IMP-CAS “Chinese ADS R&D Program” (Via video connection)	
4:30 pm	Zevarka, CTU “Experimental Investigation of Neutron Production in a Massive Uranium Spallation Target Irradiated with Relativistic Deuteron Beams”	
5:00 pm	Joseph Selliken, Osler Institute “Thorium Energy Personal Passion”	

THURSDAY OCTOBER 16, 2014		
9:00 am – 12:30 pm	Technical Session 3: Status of Accelerator Driven Systems Session Chair: Jean-Pierre Charles Revol	VCU Student Commons Richmond Salons
9:00 am	Stefano Monti, IAEA "IAEA Initiatives on ADS"	
9:30 am	David Christian, Dominion Power "Spent Nuclear Fuel Utilization/Disposal-Nuclear industry Perspectives"	
10:00 am	Peter McIntyre, TAMU "Accelerator-Driven Systems using the Strong-Focusing Cyclotron and Molten Salt"	
10:30 am	Steve Peggs, ESS "ESS Project Construction Status"	
11:00 am	BREAK	
11:30 am	Carlos Velasquez, UFMG "Effects of Fusion and Spallation Spectra on Ganex Reprocessed Fuel Depletion"	
12:00 pm	Rol Johnson, MuPlus Inc. "Advancing Nuclear With GEM*STAR; the Thermal-Spectrum Molten-Salt ADS"	
12:30 pm – 2:00 pm	Lunch	
2:00 pm – 5:30 pm	Technical Session 4: ADS Applications Session Chair: Chair: P. K. Vijayan	VCU Student Commons Commonwealth B Salon
2:00 pm	Charlie Bowman – ADNA/BSNFL "Biomass-to-Diesel; A Viable Near-Term Path to Molten-Salt ADS Deployment"	
2:30 pm	Nathan Andrews, MIT "Thorium use in PWRs"	
3:00 pm	Doug Wells, SDSMT "Development of Radioisotopes With ADS Systems"	
3:30 pm	BREAK	
4:00 pm	Jamal Zweit, VCU "Radionuclide and Radio-Nanoparticle Production for Biomedical Applications"	
4:30 pm	Charles Holden, Thorenco "Medical Isotopes with Electron Linacs"	
5:00 pm	Discussion	
5:30 pm	End of the session	
5:45 pm	Transportation to Virginia Museum of Fine Arts	
6:00 pm – 9:00 pm	Workshop Banquet at Virginia Museum of Fine Arts	
9:15 pm	Transportation to hotel	

FRIDAY OCTOBER 17, 2014		
9:00 am – 11:30 pm	Technical Session 5: Technology Advances in Support of ADS Session Chair: Carlo Pagani	VCU Student Commons Richmond Salons
9:00 am	Tadeu Carneiro, CBMM "Niobium for Superconductivity Applications"	
9:30 am	Sindhunil B. Roy, Raja Ramanna Centre for Advanced Technology "Theoretical Limitations of Niobium Accelerator Cavities"	
10:00 am	Ganapati Myneni, JLab "The Current Status of High Performance SRF Linacs"	
10:30 am	Carlo Pagani, INFN "Personal perspectives on ADS Past, Present and Future Prospects"	
11:00 am	Fulvia Pilat , JLab "Overview of Jefferson Lab"	
11:30 am – 12:00 pm	Closing Plenary Session Chair: Sama Bilbao y León	VCU Student Commons Richmond Salons
11:30 am	Chairs of each session summarize their sessions	
11:45 am	Closing Remarks	
12:00 pm	End of Workshop	
12:00 pm – 1:00 pm	Lunch	
12:00 pm	Transportation to Thomas Jefferson National Accelerator Facility	
12:00 pm – 5:00 pm	Tour of Thomas Jefferson National Accelerator Facility	
5:00 pm	Return to hotel in Richmond	