December 15 (Tuesday) Program:

Session	Topic	Moderator	Speakers
8:15-9:00	Opening Remarks	Conference Chair, P. Dumont, MC, Chairs of Scientific Committee	1.Grand Chief Pierre Picard, Wendake 2.DG, European Commission Video remarks) 3.Amy Gottschling, VP, AECL 4.Gov of Ontario, TBC 5. Daniel Gammage, CNS President
9:00-9:40	Keynotes: Megan Wilson (Chief Strategy Officer, General Fusion) and Muhmmad Mahad (Senior Manager, OPG) *(Facilitator: J.Brister)*		
9:40 – 10:15	Plasmaside Chat™: The Honorable Jeffrey S. Merrifield, Emeritus Partner, Pillsbury Winthrop Shaw Pittman LLP Jennifer Ganten, Chief Global Affairs Officer, Commonwealth Fusion Systems *(Facilitator: J. Brister)*		
10:15– 10:45	***Break***		
10:45 - 12:30	75 years of development toward commercializing fusion	Secretariat Co-Chairs, P. White and J. Brister	1.Paul Methven, CEO, UKFE (UK) 2. Richard Hawryluk, retired Associate Director for Fusion, Princeton Plasma Physics Laboratory (USA) 3. Satoshi Konishi, CEO and Chief Fusioneer, Kyoto Fusioneering (Japan) 4. Ian Castillo Co-CEO, Fusion Fuel Cycles Inc., (Canada)
12:30-13:30	**Lunch**		
13:30-14:30	Plasmaside Chat™ : Growing Energy Demand and the need to transition to commercial fusion	Laura Hermann *(J.Brister)*	1.Thomas Sunn Pedersen, Chief Technology Officer, Type One Energy (USA) 2. Tom Asselman Senior Vice President, Strategy and Chief Strategy Officer, OMV (Austria) 3. Desiree Norwegian (CPA, Senior Manager, Indigenous Relations, Aecon Nuclear, (Canada)
14:30 – 15:15	**Break for Exhibitor Booth Area Opening & Networking**		

15:15 – 16:15	Siting and Building Fusion Power Plants	Andrew Sowder *(P.White)*	1.André Pelletier, Regional Project Manager, Organization of Canadian Nuclear Industries (Canada) 2. Axel Meisen President, Fusion Energy Council of Canada (Canada) 3. Tony Williams, Executive Sponsor for Fusion Projects, Tennessee Valley Authority (USA) 4. Kristen Cullen, Vice President, Global Policy and Public Affairs, Commonwealth Fusion Systems (USA)
16:15 – 16:45	Case study #1: Radiological Background Survey at TVA Bull Run's site, TN. Sarah Donaher (Assistant Professor, University of Tennessee in Knoxville, TN) *(Moderator-P.White)*		

December 16 (Wed) Program

Session	Topic	Moderator	Speakers
8:15 – 8:30	*Overview by Scientific Committee*	Secretariat Co-Chairs, P. White and J. Brister	
8:30 - 9:15	Keynotes 1. Paul Humrickhouse, Principal Nuclear Engineer, Type One Energy, (USA) 2. Gianfranco Federici, Programme Manager, EUROfusion, (Germany) Shaping Europe's fusion future: priorities and prospective EUROfusion's role *(Moderator: J. Brister)*		
9:15 – 9:45	Case studies #2 and #3: 1. Christian Bachmann, Programme Management Unit, EUROfusion (Germany)The EUROfusion Design of a Volumetric Neutron Source 2. Ivo Moscato, DEMO Central Team, EUROfusion (Germany) Tritium and coolant integration issues in a DT fusion power installation *(Moderator: P. White)*		
9:45-10:30	Overview of fusion safety considerations	Nathan Tedford (Hatch), P. White	1.Duncan White, Advanced Nuclear Fellow, Tennessee Department of Environment and Conservation (USA) 2. Masood Akmali (Nuclear Safety Engineer, Renaissance Fusion (France) 3. Omar Afifi, Head of Safety Case, UK Atomic Energy Authority, (UK) 4.Leon L. Robert Professor of

			Engineering Practice, Purdue University (USA) 5.Andrew Proffitt Senior Director, Regulatory Policy, Helion Energy (USA)
10:30-11:00	**Break**		
11:00-12:15	Advancement in Material Sciences as catalysts for fusion commercialization	Amanda Quadling (UKAEA), Jay Brister	1.Daniel Clark, Senior Director, Nuclear & Fuel Cycle Engineering, Type One Energy (USA) 2. Lori Waters Supply Chain Professional, Canadian Nuclear Laboratories (Canada) 3.Dave Bowden Engineering Leader, UK Atomic Energy Authority (UK) 4. Tim Graening Oak Ridge National Laboratory (USA) 5. Yi-Huyn Park, Leader of Fusion Materials Group, Korea Institute of Fusion Energy (KFE) 6. Hiroyasu Tanigawa, National Institutes for Quantum Science and Technology (Japan) 7. Carsten Bonnekoh Researcher, EUROfusion (Germany)
12:15-13:15	**Lunch**		
13:15-13:45	Keynote: Nadia Petseva, Director, Canadian Nuclear Safety Commission (Canada) *Moderator: P.White*		
13:45-14:45	Global Developments on Regulatory Frameworks for Fusion Power Plants (Panel Discussion)	Hawkins DeFrance, FIA (Support from P.White needed)	1.Beth Shelton, Director, Tennessee Department of Environment and Conservation (USA) 2. Philipp Sauter, Head Fusion Regulations, Julius-Maximilians-Universität Würzburg (Germany) 3. Nadia Petseva, Director, Canadian Nuclear Safety Commission (Canada) 4. Francisco Castejón, Commissioner, Nuclear Safety Council (Spain)
14:45 – 15:15	**Break**		

15:15-16:00	How governments can accelerate fusion deployment	Sehila Gonzalez (CATF) , P. White	1.Jennifer Ganten, Chief Global Affairs Officer, Commonwealth Fusion Systems 2.Matt Whittington, Director of Government Relations, General Fusion (Canada) 3. Koki Yakushi, Cabinet Office, Mitsui & Co. Ltd.
16:00 - 16:45	The role of PPPs in fusion commercialization	Myles Hildebrand (General Fusion), J. Brister	1.Amy Gottschling, Vice President of Science, Technology and Commercial Oversight, Atomic Energy of Canada Limited (Canada) 2. Muhammad Mahad, Senior Manager, Strategy and Business Development, Ontario Power Generation, (Canada) 3.Colleen Nehl, Program Manager for Public-Private Partnerships, U.S. Department of Energy (USA) 4.Johnny Stephenson, Business Development Manager, UK Atomic Energy Authority, (UK) 5.Adam Baker, Head of Fusion Policy and Strategy, Department for Energy Security and Net Zero (UK) TBC
16:45 – 17:10	Case Study #4: Challenges and opportunities for AI as key tool to fusion commercialization, Alex Higginbottom Co-founder and CEO, Zenithon, UK *(Moderator: J.Brister)*		
17:10 – 17:30	*Case Study: Jack Moore* *Marvel Fusion Inc.* *(Moderator: J.Brister)*		

December 17 (Thu) Program – 30 minutes extra before break

8:30-9:15	Keynotes 1. Brian Wirth, Governor's Chair Professor of Computational Nuclear Engineering, University of Tennessee, Knoxville and Oak Ridge National Laboratory (USA) *2.* Livia Casali, Associate Professor of Nuclear Engineering, University of

	Tennessee, Knoxville, USA *(Moderator:P.White)*		
9:15-10:15	Tritium: commercial considerations for the Fusion Industry	John Mennel (Deloitte) (P. White)	1.Nisa Halsey, Vice President, Nuclear Equipment Solutions & Inspection and Maintenance Systems, Kinectrics (Canada) 2. Ed Waller, Professor, Ontario Tech University, (Canada) 3. Matt Cloutier, COO, Fusion Fuel Cycles Inc., (Canada) 4. Sophie Davies, Chief Commercial Officer, RH3OVA 5. Muhammad Mahad, Senior Manager, Ontario Power Generation (Canada)
10:45 – 11:15	**Break**		
11:15-12:15	Lithium as the steady-state fuel: readiness and opportunities	John Elling (Molten Salt Solutions) (J Brister)	1.Jaydeep Deshpande, CFS 2.Domenico D'Andrea, Head of Business Development, Renaissance Fusion (France) 3.Michael Franck, Co Founder CEO, Argentum Fusion Fuel (Germany)
12:15 – 12:30	Case Study #5 Henry Gould – Daedal Systems		
12:30 – 13:30	**Lunch**		
13:30 – 15:00	Various presentations on fusion projects or development in North America, Europe and Asia	Secretariat Co-Chairs, P. White and J. Brister (TBC)	CFS Proxima Helion Pacific Fusion T1E Avalanche Energy Stellarex General Fusion
15:00 – 15:30	**Break**		
15:30– 16:15	Closing Session: Driving factors for advancing fusion	Guinevere Shaw, CEO, Rutherford Energy Ventures,	List TBC by Scientific Secretariat

	commercialization	(USA) and Conference Secretariat Co-Chairs (Horvath, Brister, White)	