

# Special Plenary Panel at ICSM 2025



(Wed 30th April 2025, Hall 1, evening 9:00 pm-10:35 pm)

“Advanced HTS Wire Needs and Development for Large-scale Application.  
" Superconducting Applications: needs and requirements from HTS Materials  
(Moderated by Prof. Amit Goyal and Prof. Ziad Melhem)

## Panel #1: *Superconducting Applications- Needs for HTS Wire supply chain, including Cost & Performance*

#6	Speaker	Affiliation/Organization
1	Dr Soren Prestemon	Lawrence Berkeley National Lab, Berkeley, USA
2	Prof. Hiroyuki Ohsaki	University of Tokyo, Japan
3	Prof. JINXING ZHENG	Institute of Plasma Physics, Chinese Academy of Sciences, China
4	Dr. Joe Minervini	Novum Industria LLC, Boston, USA
5	Dr. Loic Queval	University Paris-Saclay
6	Dr Arno Godeke	<i>Compact PT, Compact Particle Therapy, Development Initiative</i>

## Panel #2: *HTS Wire Manufacturing and Supply Chain*

#	Speaker	Affiliation/Organization
1	Dr. Sergey Lee President, Faraday Factory, Japan	Sergey Lee Faraday Factory Japan LLC Japan
2	Dr. Y. Yamada	Shanghai Superconductor Technology, Co., Ltd., China
3	Dr. SeungHyun Moon. President, SUNAM	SuNAM. CO. LTd, South Korea
4	Dr. Venkat Selvamanickam	University of Houston, USA

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## “Quantum Science & Technology”

Monday 28 April 2025, Hall 1, 9:00 pm-10:30 pm

(Moderated by Prof. Irfan Siddiqi)

21:00-21:05	Introductory Remarks I	
21:05-21:10	Introductory Remarks II	
21:10-21:15	Talk 1	Oleg Mukhanov SEEQC USA
21:15-21:20	Talk 2	Ashok Ajoy University of California, Berkeley, USA USA
21:20-21:25	Talk 3	Benjamin Huard Huard Ecole Normale Supérieure de Lyon France
21:25-21:30	Talk 4	Roland Wiesendanger University of Hamburg Germany
21:30-21:35	Talk 5	Andrei Chumak Faculty of Physics, University of Vienna Austria
21:35-21:40	Talk 6	Ali Bozbey
21:40-21:45	Talk 7	Huabing Wang
21:45-21:50		
21:50-22:30	Contributions from attendees, questions and interactive discussions	



- Emerging Directions in Quantum R&D
- New Questions in Quantum Foundations
- Commercialization of Quantum Technologies
- Future of Quantum Computing
- Opportunities for Early Career Scientists

