Time	Topic	Speaker
0930-1000	**Login**	
	Introduction	
1000-1005	Welcome Remarks	**Dr. Stefano Lami** Science Counselor Embassy of Italy to the United States
1005-1010	From interdisciplinarity to integration of knowledge: the AFOSR – CNR model	**Prof. Luigi Ambrosio** Director Institute of Polymers, Composite and Biomaterials National Research Council of Italy
1010-1015	Smart Sensing Non-Classical Biology	**Dr. Sofi Bin-Salamon** Program Manager Air Force Office of Scientific Research
	Enabling Discoveries	
1015-1025	Beyond neurons: unexpected excitable behaviors in astrocytes	**Dr. Valentina Benfenati** Institute for Organic Synthesis and Photoreactivity National Research Council of Italy
1025-1030	Application in cutting edge technologies to study biomolecular interactions of nanomaterials	**Dr. Saber Hussain** 711th Human Performance Wing Air Force Research Laboratory
1030-1035	Plasmonic sensing: from coffee rings to quantum biology	**Prof. Ishan Barman** Department of Mechanical Engineering Johns Hopkins University
1035-1040	Disordered nanomaterials: biophysical applications of a versatile, performing and scalable platform	**Dr. Annalisa Convertino** Institute for Microelectronics and Microsystems National Research Council of Italy
1040-1045	Biophysical investigations on DNA-Engineered Perovskite Materials	**Prof. Shashank Priya** Department of Materials Science and Engineering Pennsylvania State University
1045-1050	Bio-hybrid organic semiconductor devices and their Photoresponses incorporating biological materials	**Prof. Thomas Brown** Department of Electronic Engineering University of Rome, Tor Vergata
1050-1055	Astrocyte dynamics: uncovering active mechanical rhythms in brain tissue	**Dr. Kate O'Neill** Department of Physics University of Maryland

1055-1100	Aquaporin and water flux: a novel path for brain cell communication and dynamics	**Prof. Grazia Paola Nicchia** Department of Bioscience, Biotechnology and Biopharmaceutics University of Bari
1100-1105	Structure-function relationships and ion channel dynamics of brain astrocyte glial cells in the presence of gold-nanocluster (AuNCs) bio-nanophotonic probe	**Dr. Shashi Karna** Weapons Materials Research and Development Army Research Laboratory
1105-1110	Organic Optobioelectronics: Transducing Light into Biosignals	**Prof. Tobias Cramer** Department of Physics and Astronomy University of Bologna
1110-1125	**Panel Discussion**	
Collaborative Opportunities		
1125-1130	Collaborative international opportunities in a post-COVID-19 world	**Dr. Larry Nagahara** Associate Dean of Research Whiting School of Engineering Johns Hopkins University
1130-1135	Knowledge, education, collaborative inclusive growth: the experience of Astro Projects	**Dr. Roberto Zamboni** Director Institute for Organic Synthesis and Photoreactivity National Research Council of Italy
1135-1140	Unraveling the mystery of the brain through international, interdisciplinary partnership	**Prof. Wolfgang Losert** Associate Dean College of Computer, Mathematical and Natural Sciences University of Maryland
1140-1145	AFOSR International Initiatives	**Dr. Misoon Mah** International Program Manager Air Force Office of Scientific Research
1145-1150	The University of Bologna and the US: perspectives and opportunities for innovation in the Emilia-Romagna Region ecosystem	**Prof. Beatrice Fraboni** Rector's Delegate for International Relations with North America and Europe University of Bologna
1150-1155	International Institute for Biosensing	**Prof. Shashank Priya** Associate Vice President for Research Pennsylvania State University
1155-1200	How to foster, grow and nurture innovation ecosystems: the GW Accelerate national and international experiences	**Mr. Giulio Busulini** Senior Advisor for International Programs George Washington University - OIE
1200-1215	**Panel Discussion**	
1215-1225	**Final Remarks**	
1225	**MEETING CONCLUSION**	