



ICSM 2018

International Conference on Science and Technology of Synthetic Metals 2018

July 1~6, 2018 / BEXCO, Busan, Korea

Important Dates

- Abstract Submission ----- From **October 15, 2017** to **January 15, 2018**
- Early Registration ----- From **March 1, 2018** to **April 30, 2018**
- Notification of Abstract Acceptance ----- **March 1, 2018**
(** Post deadline abstracts will be posters only)

Conference Topics

Topic 1 Organic Conductors and Superconductors

- molecular conductors and superconductors
- new molecules and molecular materials
- dirac electrons in molecular materials
- spin liquids, single molecular magnet
- electron correlation in molecular materials
- physics of low dimensional electron systems

Topic 2 π -Conjugated Molecules

- molecular, supramolecular and polymeric materials
- synthesis and characterization
- theory and modeling
- fabrication process
- electrical, optical, nonlinear optical, magnetic, and electrochemical properties
- molecular magnets & organic spintronics

Topic 3 Organic Electronics and Optoelectronics

- printed electronics/flexible electronics
- energy storage and conversion devices (thermoelectric, photoelectric, capacitors, etc.)
- solar cells (organic, polymers, perovskite, quantum dot, etc.)
- LEDs (organic, polymers, perovskite, quantum dot, etc.)
- transistors, memories, electro/photo chromic devices, actuators, sensors, RFID and rectifiers
- molecular & supramolecular electronics

Topic 4 Ordered Carbon Materials, 2D Materials and NEMS

- graphene
- transition metal dichalcogenides (TMDs)
- topological materials
- fullerene, carbon nanotubes
- nanoelectromechanical systems (NEMS)

Topic 5 Bioinspired Materials and Applications

- self-assembled biomaterials
- bioconjugated materials
- biomimic structures
- biomaging and biolabeling
- biosensors
- cell engineering, scaffolds, and theragnosis
- bioelectronics and biophotonics
- neuromorphic system (memristors, etc.)



Welcome Message

The International Conference on Science and Technology of Synthetic Metals 2018 (ICSM 2018) will be held on July 1~6, 2018 at the Busan Exhibition & Convention Center (BEXCO) in Busan, Korea. The ICSM has been held at Siofok (1976), New York (1977), Dubrovnik (1978), Helsingor (1980), Boulder (1981), Les Arcs (1982), Abano Terme (1984), Kyoto (1986), Santa Fe (1988), Tübingen (1990), Göteborg (1992), Seoul (1994), Snowbird (1996), Montpellier (1998), Bad Gastein (2000), Shanghai (2002), Wollongong (2004), Dublin (2006), and Porto de Galinhas (2008), Kyoto (2010), Atlanta (2012), Turku (2014) and Guangzhou (2016). We, the Organizing Committee of ICSM 2018, are delighted that the 24th ICSM will be held back in Korea after the ICSM 1994 (Seoul). We will provide an excellent forum for interaction and developing friendship with participants from various countries who are involved in research, development, engineering, manufacturing and application of Synthetic Metals, from synthesis to characterization, computational modeling, device fabrication, and real-world applications. We wish you all to participate in the ICSM 2018 in Busan, Korea.

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Host City, Dynamic Busan



Located at the southern tip of the Korean peninsula, Busan is the second largest city in Korea with the longest river, the longest beach and the largest port. It has a coastline with beautiful beaches and picturesque cliffs, mountains that offer excellent hiking and extraordinary views, and hot springs scattered throughout the city. Busan enjoys four distinct seasons and a temperate climate that never gets too hot or too cold. For this reason, Busan becomes world class city for tourism and culture and a destination of choice for international conventions.

About Venue

The ICSM 2018 will take place at the Busan Exhibition and Convention Centre (BEXCO) in Busan, Korea. The BEXCO is located 30 minutes from Gimhae International Airport and is located in the heart of the Haeundae Beach Resort, one of South Korea's most famous hospitality sites. It just takes only 40 minutes by car, and the airport shuttle bus to the BEXCO leave every twenty minutes from in front of airport, beginning on 06:45 until 20:30. Within close proximity to BEXCO, there are 125 accommodation facilities like luxurious 6 star rating hotels. For more information, please visit the ICSM 2018 official website.

