20 Interactive Sessions

6+ Keynote Lectures

35+ Plenary Lectures

4+ Workshops

10+ Exhibitors

B2B Meetings

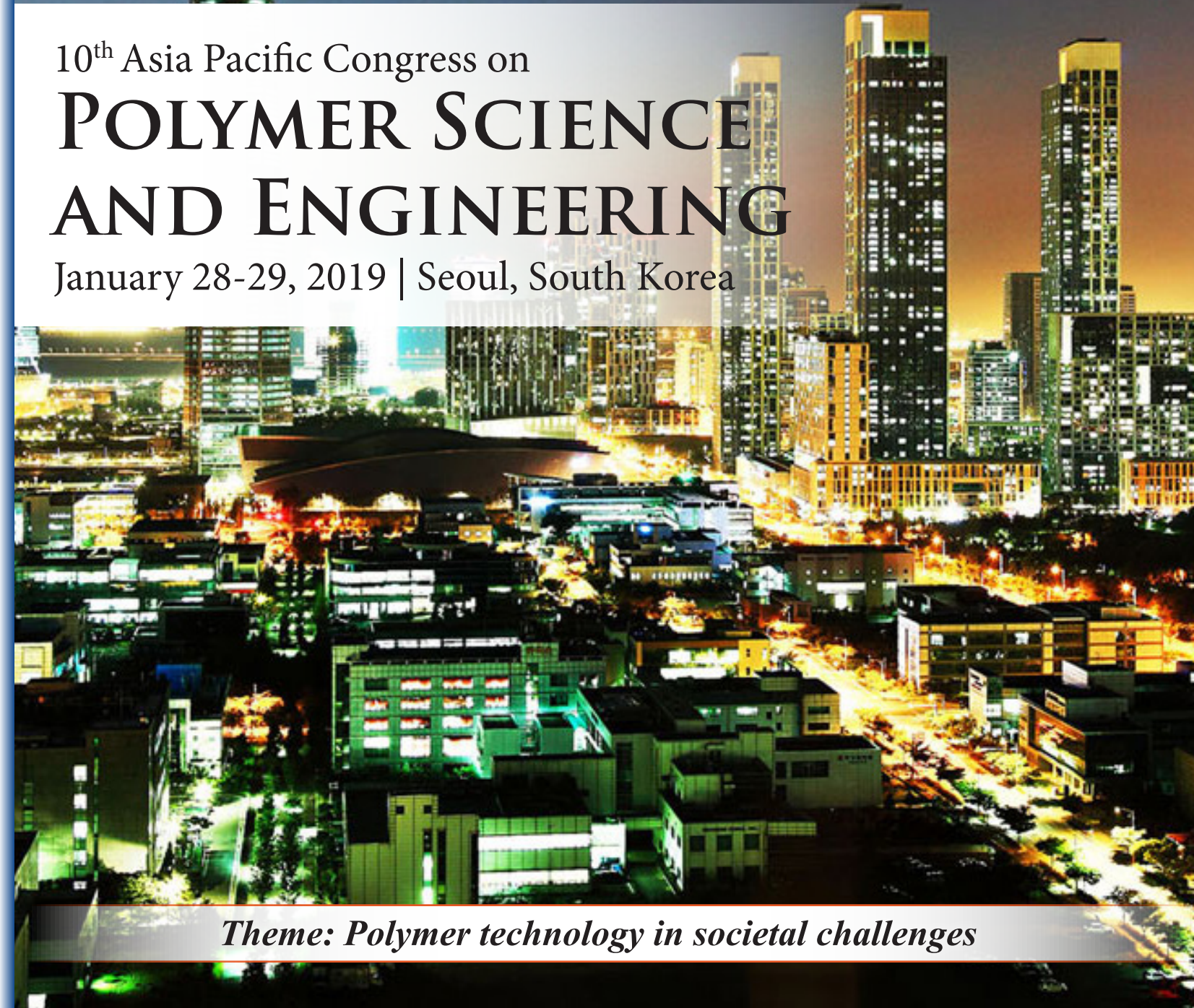
Tentative Programme

conferenceseries.com

10th Asia Pacific Congress on

POLYMER SCIENCE AND ENGINEERING

January 28-29, 2019 | Seoul, South Korea



Theme: Polymer technology in societal challenges

20 Interactive Sessions

6+ Keynote Lectures

35+ Plenary Lectures

4+ Workshops

10+ Exhibitors

B2B Meetings

Conference Sessions

All honorable authors, researchers, scientists and students are encouraged to contribute and help the shape of the conference through submissions of their posters & research abstracts. Also, high quality research contributions describing original and unpublished of conceptual, constructive, experimental or theoretical work in all areas of Polymer Science and Engineering rsing are warmly invited for presentations at the conference. The conference memorial contributions of abstracts and posters that address themes & future aspects of the conference related sessions.

Session: 1

- Polymer Materials Science and Engineering
- Functional polymeric materials
- Electrochemistry and electrochemical technology
- Transport in materials
- Vibrational spectroscopy
- Micro- and nano-phase separation
- Membrane separations
- Materials chemistry
- Fuel cells
- Water treatment membranes
- Surface properties of polymers
- Electrochemical reactors

Session: 2

- Polymer/Inorganic Nano composite materials
- Polymers at surfaces, interfaces, and confinements; structure and dynamics of Nano-confined polymers
- Atomic Force Microscopy (AFM) studies of polymer surfaces
- Smart/Responsive polymers and soft-condensed matter systems
- Polymer Nano composites for structural, barrier, packaging, fire resistance, and biomedical applications
- Smart polymers for microfluidics, smart-surfaces, biomedical, biological, and for bio detection and toxic removal
- Molecular modeling for technologies related to lubrication, advanced polymer electrolytes, and fuel cells
- Advanced packaging, defense-related composites, fuel cell membranes

Special Issues: All accepted abstracts will be published in respective Conference Series llc LTD Journals

Each abstract will be provided with digital Object Identifier by Crossref

20 Interactive Sessions

6+ Keynote Lectures

35+ Plenary Lectures

4+ Workshops

10+ Exhibitors

B2B Meetings

Session: 3

- Vibrational spectroscopy – mainly FTIR
- Hydrogen bonding and the phase behavior of polymer blends and solutions.
- Coal structure, solubility and swelling.
- The application of ionic liquids to the processing of fossil fuels
- Vibrational Spectroscopy of Polymers
- Phase Behavior of Polymer Blends
- Coal Structure
- Processing Fossil Fuels using Ionic Liquids
- Broadband dielectric spectroscopy; polymer dynamics
- Ion-containing polymers: electrolytes, ionomers
- Segmented polyurethane and polyurea block copolymers
- Hydrogen bonded polymer blends and solutions
- Polymers with intrinsic microporosity
- Crystalline polymers, from renewable resources
- Nanoscale structure and morphology

Session: 4

- Broadband dielectric spectroscopy; polymer dynamics
- Ion-containing polymers: electrolytes, ionomers
- Segmented polyurethane and polyurea block copolymers
- Hydrogen bonded polymer blends and solutions
- Polymers with intrinsic microporosity
- Crystalline polymers, from renewable resources
- Nanoscale structure and morphology

Session: 5

- Polymers in energy applications
- Polyurethanes and polyureas
- Li ion battery electrolytes
- Ionomers
- Polymers of intrinsic microporosity
- Blood-contacting polymers in biomedical devices
- Polymer blends/alloys

Session: 6

- Functional polymers
- Semiconducting polymers
- Metal-containing polymers
- Nanocomposites
- Dielectric polymers
- Organic thin films
- Self-assembly
- Molecular recognition
- Supramolecular chemistry
- Micro/nano-patterning
- Optoelectronics
- Molecular electronics
- Sensors

Session: 7

- Improvement of polymer-based processes
- Human pathology associated with a number of diseases
- Behavior of materials under conditions of extreme temperature and pressure
- Fusion of materials and computational sciences
- Materials theory, modeling and computer simulation
- Emulsions
- Latexes and suspensions
- Environmentally-friendly polymeric surfactants
- Targeting and releasing drugs

20 Interactive Sessions

6+ Keynote Lectures

35+ Plenary Lectures

4+ Workshops

10+ Exhibitors

B2B Meetings

January 28, 2019	
Time	Session
08:30-09:30	Registrations
09:30-11:30	Keynote Forum
	Group Photo
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Session 1: Polymer Materials Science and Engineering | Session 2: Polymer/Inorganic Nano composite materials
13:00-13:45	Lunch Break**
13:45-16:00	Session 3: Vibrational spectroscopy – mainly FTIR
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Session 4: Broadband dielectric spectroscopy; polymer dynamics
	Day Concludes

January 29, 2019	
Time	Session
08:30-09:30	Registrations
09:30-10:30	Keynote Forum
10:30-11:30	Session 5: Polymers in energy applications
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Session 6: Functional polymers
13:00-13:45	Lunch Break**
13:45-16:00	Session 7: Improvement of polymer-based processes
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Poster Presentations
	Day Concludes
	Award Ceremony
	Speaker Slots Available

20 Interactive Sessions

6+ Keynote Lectures

35+ Plenary Lectures

4+ Workshops

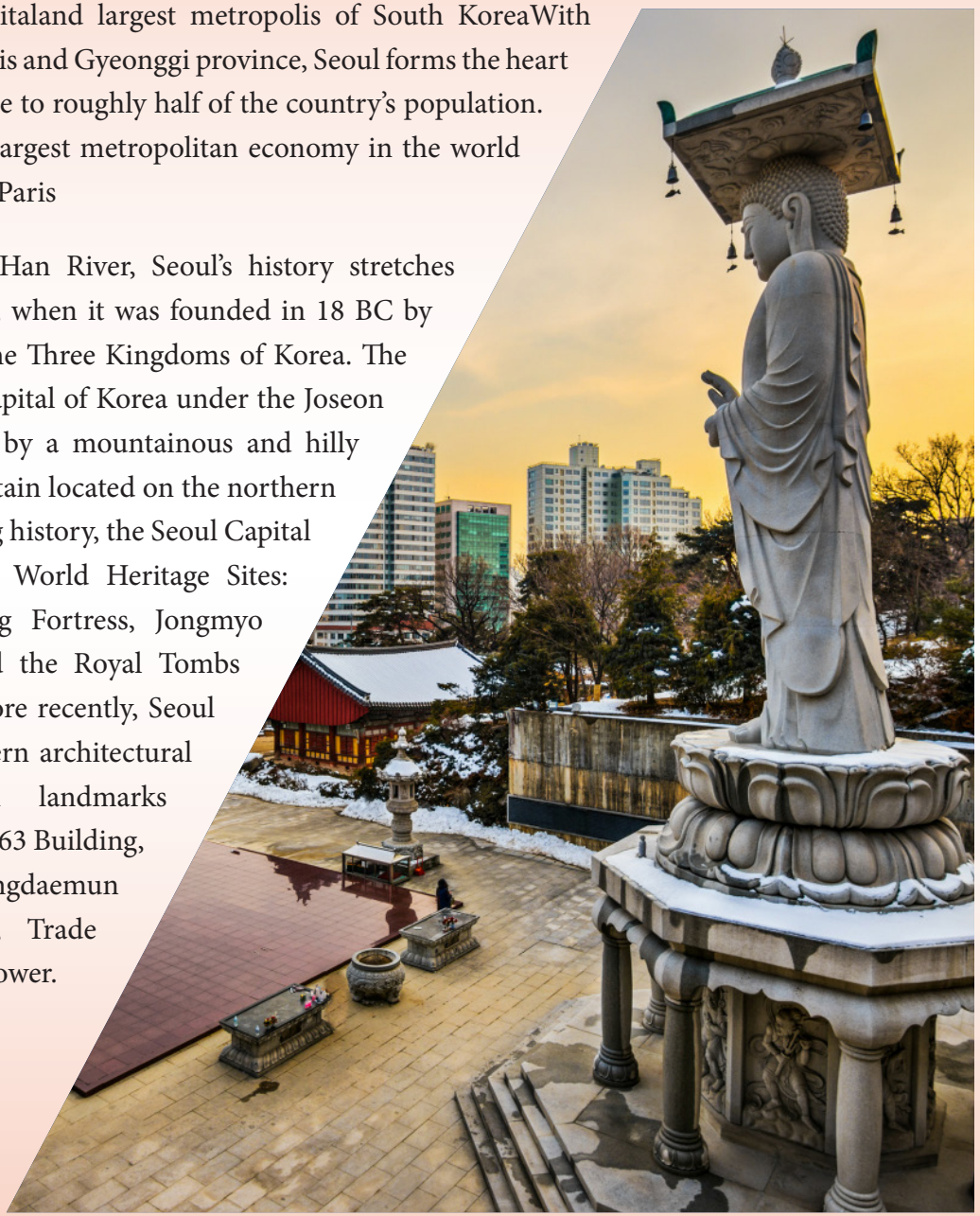
10+ Exhibitors

B2B Meetings

About Seoul

Seoul Special City, is the capitaland largest metropolis of South KoreaWith surrounding Incheon metropolis and Gyeonggi province, Seoul forms the heart of the Seoul Capital Area, home to roughly half of the country's population. Seoul is ranked as the fourth largest metropolitan economy in the world and is larger than London and Paris

Strategically situated on the Han River, Seoul's history stretches back over two thousand years, when it was founded in 18 BC by the people of Baekje, one of the Three Kingdoms of Korea. The city was later designated the capital of Korea under the Joseon dynasty. Seoul is surrounded by a mountainous and hilly landscape, with Bukhan Mountain located on the northern edge of the city. As with its long history, the Seoul Capital Area contains five UNESCO World Heritage Sites: Changdeok Palace, Hwaseong Fortress, Jongmyo Shrine, Namhansanseong and the Royal Tombs of the Joseon Dynasty.[15] More recently, Seoul has been a major site of modern architectural construction–major modern landmarks include the N Seoul Tower, the 63 Building, the Lotte World Tower, the Dongdaemun Design Plaza, Lotte World, Trade Tower, COEX, and the Parc1 Tower.



20 Interactive Sessions

6+ Keynote Lectures

35+ Plenary Lectures

4+ Workshops

10+ Exhibitors

B2B Meetings

Venue



Venue:
Courtyard Seoul Times Square
15, Yeongjung-ro, Yeongdeungpo-gu-07305
Seoul, South Korea

Important Dates
Abstract submission opens: September 05, 2018
Registration opens: September 05, 2018
Early bird registration: November 20, 2018
On spot registration: January 28, 2019

Contact Us:
Program Director | Asian Polymer 2019
Conference Series llc Ltd.
47 Churchfield Road, London, W3 6AY

Mail:
asianpolymers@protonmail.ch
polymersience@conferenceseries.org
Contact: 1-650-889-4686
Toll Free Numbers:
Japan -81-345780247 | Seoul, South Korea -800-852-6126 |
USA/Canada -1-800-216-6499 | UK -0-800-098-8455

Asian Polymer 2019

https://polymerscience.materialsconferences.com/