

STIS-2017

1st
CIRCULAR

**3rd International Conference on
Science and Technology of
Ironmaking & Steelmaking**



***Organized by:
Department of
Materials Science and Engineering
Indian Institute of Technology
Kanpur***



December 11th – 13th, 2017



**Outreach building & PBCEC,
IIT Kanpur**

Conference Website: www.stis17.org

Institute Website: www.iitk.ac.in

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About IIT Kanpur

Established in 1959 by an act of Parliament, IIT Kanpur, during the last five and half decades has evolved into a world class institution for higher technical learning. Spread over a green lush area of about 1000 acres, IIT Kanpur currently has over 400 Faculty members and 8500 students. India Today magazine in 2016 has ranked IIT Kanpur as the number one technical institute in India.

STIS series of conferences

The 3rd international conference on Science and Technology of Ironmaking and Steelmaking (STIS-2017) is planned to be held at the Indian Institute of Technology, Kanpur (INDIA) from December 11th to 13th, 2017. STIS series of conferences, held once in four years, is an Indian initiative, the major objective of which is to create and sustain interest in iron and steelmaking.

Iron and steel production in India, has been growing steadily and is expected to touch 300 MTPA mark by 2025. Research and development as well as steel education are therefore national priorities. The success of previous STIS conferences generates hope that STIS - 2017, held in a vibrant academic environment, shall provide a unique platform to academicians and researchers from around the world to present, discuss and deliberate issues related primarily with education, research and production of iron and steel. With participation of world renowned academicians and experts from the industry, STIS-2017 is likely to be an excellent knowledge sharing platform helping students, engineers and researchers remain up-to-date with various current issues challenging the steel industry.

Conference Themes

STIS-2017 aims to provide a forum for sharing state of the art knowledge relevant to the sciences & technology of ironmaking and steelmaking. The conference program will include technical paper presentations including a plenary session steered by globally acknowledged experts. A special session, with significant student participation is also planned on steel education and research.

Beneficiation to continuous casting relevant to iron and steelmaking is included in the scope of the conference. Broad areas on which STIS -2017 shall deliberate, include

- Fundamentals of iron and steelmaking
- Raw materials and beneficiation
- Agglomeration
- Coking and auxiliary systems
- Blast furnace ironmaking
- Alternative iron making & pre treatment
- BOF and EAF steelmaking
- Ladle and tundish metallurgy
- Ingot and continuous casting
- Modeling in iron and steelmaking
- Clean steel technology
- Emerging and sustainable iron & steelmaking
- Refractories in iron and steelmaking

Call for Paper

Abstract on original and unpublished research work, not exceeding 300 words, is invited on different conference themes and beyond, from researchers engaged in academia, industry, R & D and design organizations. All manuscripts shall undergo peer review and published in a proceeding for distribution among all registered delegates.

Important Dates

- Conference dates: 11th through 13th December, 2017
- Post conference tour: 14th December, 2017
- Abstract submission deadline: July 1st, 2017
- Notification of acceptance: August 15th, 2017
- Submission of full text: October 1st, 2017
- Registration deadline : 15th November, 2017

Sponsorship

Organizers of STIS 2017 solicit support from domestic as well as foreign steel and refractory industries towards organizing various events. Potential sponsors are requested to get in touch with the conference chair/associate chair directly.

Category	Quantum of support	
	Indian (INR)	Overseas (US \$)
Platinum	5,00,000	9000
Gold	3,00,000	5000
Silver	1,50,000	3000

Registration Fees

Registration fee includes access to technical sessions, a conference proceeding, stationary, lunch and dinner. A local site seeing programme for all accompanied person is also planned.

Category	Domestic	Overseas
Individual	Rs. 12000	US \$ 200
Spouse	Rs. 6000	US\$ 100
Student	Free & on invitation only	

Accommodation

Efforts shall be made to accommodate delegates inside the campus. Allocation shall be on first come first serve basis and shall involve a payment. There are star city hotels namely, hotel Landmark (website: www.thehotellandmark.com) and hotel Royal Cliff (website: www.hotelroyalcliff.com) which are recommended and wherefrom, daily transport to the venue shall be available. Delegates willing to stay in hotels should get in touch with the same directly.

Weather in December

Winter spreads from November to January and is the best time of the year to be in and around Kanpur. During the time the conference is held, day time temperature is expected around 20 to 25° C; nights would be little cooler, between 8 to 10° C. Light woolen cloth is recommended.

How to reach Kanpur

Air connectivity to Kanpur is via Lucknow, which is the nearest airport. Lucknow is connected to IIT Kanpur by national Highway 37 and travel time is approximately one hour and a half. Frequent flights connect Lucknow with Delhi and other Indian Metro cities. The city of Kanpur also enjoys excellent rail connectivity with all major cities. Necessary arrangements shall be made to receive guests from Lucknow airport/Kanpur central railway station.

About Kanpur

Kanpur, the second largest industrial city in North India is famous for leather and cotton industries. During British Raj, Kanpur used to be known as the Manchester of the East. It is the economic capital of the state of Uttar Pradesh and is located on the banks of the river Ganges. Kanpur has a rich heritage and appears frequently in Indian mythology, both in the Ramayana and the Mahabharata. Kanpur and adjoining areas mainly, Jhansi and Lucknow, were the epicenters during the first Indian war of independence in 1857.

Conference Secretariat

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Conference Website: www.stis17.org