6th National Symposium on Shock Waves
26-28 February 2020
Indian Institute of Technology Madras

Focus Areas

- Shocks in internal flows
- Pseudo-shock wave and shock train
- Shock-induced boundary layer separation
- Transonic buffeting
- Shock wave diffraction
- Shock wave reflections and refraction on interfaces
- Shock wave-boundary layer interaction
- Shock wave-shear layer interaction
- Shock wave-vortex interaction
- Shock wave-bubble interaction
- Shock wave interaction with dusty/granular/porous media
- Shock wave focusing
- Shock wave diffraction over bodies or obstacles
- Shock waves in solids and liquids
- Shock waves for material processing
- Shock waves in multi-physics problems

- R-M instability
- Shock waves in rarefied flows
- Shock waves in MHD flows
- Hypersonic flow and shock waves
- Shock waves in high enthalpy flows
- Unsteady shock wave motion
- Blast waves and ballistics
- Blast loading on various structures
- Blast wave propagation in various media
- Blast wave mitigation
- Underwater explosions
- Shock-induced detonation and blast waves
- High-speed flow diagnostics
- Shock tube and high-temperature chemical kinetics
- Medical and biological application of shock waves
- bTBI (blast-induced Traumatised Brain Injury)

Website: https://web.iitm.ac.in/nssw2020/

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Souvenir will be released during the inaugural function with collection of abstracts of technical papers, invited talks and advertisements. It is an ideal platform for all the industries to advertise their products/services.

**Tariffs for advertisements**

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Industries can exhibit their products and services related to Shock Waves during the symposium.

**Poster**: Rs.15,000/-

**Stall Tariff**: 
- **Single** (10’ x 10’): Rs. 25,000/day
- **Double** (10’ x 20’): Rs. 50,000/day

*For details, contact Conference Chair*

**Contact**

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