



Young Researchers Meet

July 27, 2020

Time (IST)	Talk
16:00	Opening
16:15	Dr R Sunder, <i>Research Director, BISS</i> <i>Variable amplitude fatigue: An exciting bridge to cross between research and engineering application</i>
17:00	Dr Mythra Varuni, <i>IIT Madras</i> <i>Crack localization in soft materials</i>
17:30	Dr Constanza Armanini, <i>Khalifa University</i> <i>Flagellum-inspired Soft Underwater Propulsor Exploiting Passive Elasticity</i>
18:00	Prof KR Yogendra Simha, <i>IISc Bangalore</i> <i>Looking forward to looking back</i>
18:30	Dr Max Monn, <i>Saint-Gobain Research North America Plastics</i> <i>Unraveling the connection between architecture & toughness in layered biological ceramic composites</i>
19:00	Dr Zhen Yin, <i>McGill University</i> <i>Design, fabrication and mechanics of tough, transparent bio-inspired architecture materials</i>
19:30	Break
20:00	Dr Itamar Kolvin, <i>UC Santa Barbara</i> <i>How supertough gels break</i>
20:30	Prof Lisa Pruitt, <i>UC Berkeley</i> <i>Fatigue and fracture of orthopedic polymers</i>
21:30	Discussion: Research and career opportunities in ME@IISc Panelists Prof Susmita Dash, <i>ME@IISc</i> (Moderator), Prof Rudra Pratap, <i>Deputy Director, IISc</i> Prof Vikram Jayaram, <i>Divisional Chair, Mechanical Sciences, IISc</i> Prof GK Ananthasuresh, <i>Chair, ME@IISc</i> Prof KR Yogendra Simha, <i>ME@IISc</i>