

## Biography

Dr. Gupta is an Assistant Professor of Mechanical Engineering in the University of North Dakota. He has published over 45 technical papers, 6 patents (granted and pending – US and International), and has given over 20 invited/keynote talks and over 70 contributed presentations in several international, national and local conferences. Dr. Gupta also has an h-index of 21 and 1300 citations. Previously, Dr. Gupta was employed in The Rutgers University. Prior to that, he was a postdoctoral fellow in The Pennsylvania State University. Earlier, Dr. Gupta finished his doctoral studies from Drexel University. Dr. Gupta has won several awards like Dean's Award for the Best Faculty (2016), Global Young Investigator (ECD, ACeRs, 2016), ASM/IIM Lectureship (2016) etc. Dr. Gupta is a passionate educator and has supervised several graduate theses.

Dr. Gupta has been an active member of the American Ceramics Society (ACeRS) for several years. Dr. Gupta is a member of the award committee of, (a) the Engineering Ceramics Division (ECD) and (b) Robert L. Coble Award for Young Scholars (2015-20). Dr. Gupta is also serving as the Secretary of the Engineering Ceramics Division (ECD) of ACeRS. Dr. Gupta, as a young professional, has raised funding from National Science Foundation (NSF) for conducting Young Professional Network conference (Gupta, S (PI), "Young Professional Forum (HTMC9 and GFMAT 2016); Toronto, Canada; June 26 to July 1, 2016," is under the direction of Co-PI, Dr. Surojit Gupta, Award ID - 1636994, Proposal number - 1636994 (\$10,000) (NSF funded)). Currently, Dr. Gupta is also leading the Global Graduate Research Network (GGRN). The following list summarizes the different conferences being organized by Dr. Gupta.

### Organizer/co-organizer of Symposiums

- ❖ Co-organized: 9th International Symposium on Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials and Systems (APMT9), 39th International Conference and Exposition on Advanced Ceramics and Composites, Jan 25-30, 2015.
- ❖ Organized: T2S7: Ceramics in Conventional Energy, Oil, and Gas Exploration, 11th International Conference on Ceramic Materials and Components for Energy and Environmental Applications, Vancouver, June 14-19, 2015.
- ❖ Co-organized: T4S3: Novel, Green, and Strategic Processing and Manufacturing Technologies, 11th International Conference on Ceramic Materials and Components for Energy and Environmental Applications, Vancouver, June 14-19, 2015.
- ❖ Co-organized 7th International Symposium on Green and Sustainable Technologies for Materials Manufacturing and Processing, MS&T 2015, Columbus, Ohio.
- ❖ **Lead Organizer, Young Professional Forum, 9th International Conference on High Temperature Ceramic Matrix Composites and Global Forum on Advanced Materials and Technologies for Sustainable Development, Toronto (2016).**
- ❖ Co-organizer, Novel, green, and strategic processing and manufacturing technologies, 9th International Conference on High Temperature Ceramic Matrix Composites and Global Forum on Advanced Materials and Technologies for Sustainable Development, Toronto (2016).
- ❖ Co-organizer, The 8th International Symposium on Green and Sustainable Technologies for Materials Manufacturing and Processing, MS&T 2016, Salt Lake City, October 23-27.
- ❖ Lead Organizer, "Young Investigator Forum: Design and Application of Next-Generation Multifunctional Materials – Addressing the New Millennium's Societal Challenges", PACRIM, Waikoloa Hawaii, USA, May 21-26, 2017.

### Session Chair

- ❖ Session Chair, 5th International Congress on Ceramics, Beijing, Aug 17-21, 2014.
- ❖ Session Chair, Green Technologies for Materials Manufacturing and Processing VI – Green Materials Processing III, MS&T 14, David L. Lawrence Convention Center, October 12-16, 2014, Pittsburgh, PA.

- ❖ Session Chair, 9th International Symposium on Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials and Systems (APMT9), 39th International Conference and Exposition on Advanced Ceramics and Composites, Jan 25-30, 2015.
- ❖ Session Chair, 2nd European Union - USA Engineering Ceramics Summit, 39th International Conference and Exposition on Advanced Ceramics and Composites, Jan 25-30, 2015.
- ❖ Session Chair, Ceramics in Conventional Energy, Oil, and Gas, 11th International Conference on Ceramic Materials and Components for Energy and Environmental Applications, Vancouver, June 14-19, 2015.
- ❖ Session Chair, Novel, Green, and Strategic Processing, 11th International Conference on Ceramic Materials and Components for Energy and Environmental Applications, Vancouver, June 14-19, 2015.
- ❖ Session Chair, Green Materials Processing I, 7th International Symposium on Green and Sustainable Technologies for Materials Manufacturing and Processing MS&T 2015, Columbus, Ohio.
- ❖ Co-organized, 10th International Symposium on Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials and Systems (APMT-10), 40th International Conference and Exposition on Advanced Ceramics and Composites, Daytona Beach, Jan 24-29 (2016).
- ❖ Session Chair, 10th International Symposium on Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials and Systems, 40th International Conference and Exposition on Advanced Ceramics and Composites, Daytona Beach, Jan 24-29 (2016).
- ❖ Session Chair, Additive Manufacturing and 3D Printing Technologies, Emerging Technology, 40th International Conference and Exposition on Advanced Ceramics and Composites, Daytona Beach, Jan 24-29 (2016).
- ❖ Session Chair, 5th Global Young Investigator Forum Applications: Ceramic Sensors and Actuators, Energy Generation and Storage and Processing, 40th International Conference and Exposition on Advanced Ceramics and Composites, Daytona Beach, Jan 24-29 (2016).
- ❖ Session Chair: Materials Property Understanding through Characterization – Advanced Materials, MS&T 2016, Salt Lake City, October 23-27.
- ❖ Session Chair, The 8th International Symposium on Green and Sustainable Technologies for Materials Manufacturing and Processing – Green Materials Processing II, MS&T 2016, Salt Lake City, October 23-27.