

## Biography

Dr. Surojit Gupta is an Associate Professor of Mechanical Engineering in the University of North Dakota. He has published over 50 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 25. 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 and MBA from University of Massachusetts, Amherst. Dr. Gupta has won several awards like Du Co Ceramics Award, Chatwal Memorial Award, TMS Young Professional Development Award, Dean Teaching Professorship, Dean's Award for the Best Faculty (2016), Global Young Investigator (ECD, ACerS, 2016), ASM/IIM Lectureship (2016) etc. Dr. Gupta is also a passionate educator and has supervised several graduate theses.

Dr. Gupta, as a young professional, has raised funding from National Science Foundation (NSF) for conducting Young Professional Network conference. As a part of the award, Dr. Gupta was able to give travel support to various young professionals located in University of Akron, Alfred University, Georgia Institute of Technology, among others.

### **Organizer/co-organizer of Symposiums (the bold ones are active collaboration in Young Professional Network)**

- ❖ 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, 5<sup>th</sup> 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, 9<sup>th</sup> International Symposium on Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials and Systems (APMT9), 39<sup>th</sup> International Conference and Exposition on Advanced Ceramics and Composites, Jan 25-30, 2015.
- ❖ Session Chair, 2<sup>nd</sup> European Union - USA Engineering Ceramics Summit, 39<sup>th</sup> International Conference and Exposition on Advanced Ceramics and Composites, Jan 25-30, 2015.
- ❖ Session Chair, Ceramics in Conventional Energy, Oil, and Gas, 11<sup>th</sup> International Conference on Ceramic Materials and Components for Energy and Environmental Applications, Vancouver, June 14-19, 2015.
- ❖ Session Chair, Novel, Green, and Strategic Processing, 11<sup>th</sup> International Conference on Ceramic Materials and Components for Energy and Environmental Applications, Vancouver, June 14-19, 2015.
- ❖ Session Chair, Green Materials Processing I, 7<sup>th</sup> International Symposium on Green and Sustainable Technologies for Materials Manufacturing and Processing MS&T 2015, Columbus, Ohio.
- ❖ Co-organized, 10<sup>th</sup> International Symposium on Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials and Systems (APMT-10), 40<sup>th</sup> International Conference and Exposition on Advanced Ceramics and Composites, Daytona Beach, Jan 24-29 (2016).
- ❖ Session Chair, 10<sup>th</sup> International Symposium on Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials and Systems, 40<sup>th</sup> 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, 40<sup>th</sup> International Conference and Exposition on Advanced Ceramics and Composites, Daytona Beach, Jan 24-29 (2016).
- ❖ Session Chair, 5<sup>th</sup> Global Young Investigator Forum Applications: Ceramic Sensors and Actuators, Energy Generation and Storage and Processing, 40<sup>th</sup> International Conference and Exposition on Advanced Ceramics and Composites, Daytona Beach, Jan 24-29 (2016).