**Biosketch**

Yury Gogotsi is Distinguished University Professor and Charles T. and Ruth M. Bach Professor of Materials Science and Engineering at Drexel University. He also serves as Director of the A.J. Drexel Nanomaterials Institute. He received his MS (1984) and PhD (1986) from Kyiv Polytechnic and a DSc degree from the Ukrainian Academy of Sciences in 1995. Together with his students and colleagues, he made principal contributions to development of materials for electrochemical capacitors and other energy storage devices, discovered MXenes and developed carbide-derived carbons with tunable structure and porosity. He published the first observation of water inside carbon nanotubes, discovered polygonal nanotubes (graphite polyhedral crystals), and shaped the field of high-pressure surface science. He is recognized as Highly Cited Researcher in Materials Science and Chemistry, and Citations Laureate by Clarivate Analytics (Web of Science). He has received numerous awards for his research including the Ceramic Prize from the World Academy of Ceramics, Materials Research Society (MRS) Medal, American Chemical Society (ACS) Award in the Chemistry of Materials, etc. He has been elected a Fellow of the National Academy of Inventors, World Academy of Ceramics, the European Academy of Sciences, and many professional societies. He holds honorary doctorates from several European Universities.