

MMS2020 - Delegate Member Biography Form

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Title/Position	Executive Director & Professor	Affiliation	Waterloo Institute for Nanotechnology
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Biography	Photo
<p>Sushanta Mitra is the Executive Director of Canada's largest nanotechnology institute, the Waterloo Institute for Nanotechnology (WIN) at the University of Waterloo. He is also a full professor in the Department of Mechanical & Mechatronics Engineering and cross-appointed as professor in the Department of Chemical Engineering and the Department of Physics & Astronomy. Prior to joining Waterloo, he held a number of senior academic administrative positions including Associate Vice-President Research at York University and Assistant Vice-President Research at the University of Alberta. He has been active in the professional communities through various leadership roles including President of the Canadian Society for Mechanical Engineering and elected member of the Committee of International Scientific Affairs at APS, Washington, DC. His research interest is in the fundamental understanding of the fluid flow in micro and nano-confinements with applications in energy, environment and bio-systems. For his contributions in science and engineering, he is an elected Fellow of number of key professional societies including the Canadian Academy of Engineering, the American Physical Society, the Royal Society of Chemistry and the American Association for the Advancement of Science. He is also the recipient of 2015 Engineering Excellence Medal.</p>	<div data-bbox="846 877 1487 1304" data-label="Image"> </div> <div data-bbox="846 1339 1487 1444" data-label="Text"> <p>Logo of the Institution</p> </div> <div data-bbox="846 1444 1487 1923" data-label="Image"> </div>