



# The Engineering Institute of Canada

## 2022 Award Citation

### Julian C. Smith Medal

(recognizes achievement in the development of Canada)



### **Federico Rosei**

**Nominated by IEEE Canada**

*Federico Rosei is Professor at INRS, Centre Énergie, Matériaux et Télécommunications (EMT) in Varennes (QC), where he served as Director (2011-2019). He holds a UNESCO Chair (Materials and Technologies for Energy Conversion, Saving and Storage) and the Canada Research Chair in Nanostructured Materials.*

*His multi-award-winning research in nanotechnology in partnership with over 25 Canadian R&D companies (yielding funding in excess of \$18M and over 400 journal articles) has paved the way to new high-performance materials with applications in healthcare, aerospace, electronics, photonics, batteries and solar technologies. This R&D is crucial for Canada's future as we transition from fossil fuels towards greener and more efficient energy sources. As Director of the EMT Centre of INRS, his initiatives and leadership raised the Centre's international visibility, reputation and recognition to an unprecedented level.*

*At the national level, his impact has been highlighted through many instances of peer recognition, including:*

- *election to Fellow of the Engineering Institute of Canada, the Canadian Academy of Engineering, the Royal Society of Canada*
- *numerous awards such as the NSERC EWR Steacie Fellowship, the Rutherford Medal (Royal Society of Canada), the IEEE Outstanding Engineer Award and the IEEE Montreal Gold Medal.*

*Ladies and gentlemen, and Ms. President, please welcome Federico Rosei as a recipient of the Julian C Smith Medal of the Engineering Institute of Canada.*