



NAP-2027



MXene Symposium 2027

Riga, Latvia, September 5-10, 2027

i ABOUT THE SYMPOSIUM

This special symposium is devoted to the synthesis, properties, and applications of MXenes. MXenes have garnered significant attention due to their unique properties, enabling their use across a broad spectrum of disciplines. This session will explore the fundamental understanding of MXene structure-property relationships, as well as their integration into functional systems

Application Ecosystem



**Energy
Storage**



Biomedicine



**Sensors &
Electronics**



Catalysis



**Environmental
Applications**



**Structural &
Functional
Materials**



MAIN TOPICS

- Fundamentals, synthesis and surface chemistry of MXenes
- Theory, modelling and simulations
- Characterization and analytical techniques
- Energy storage and conversion
- Biomedicine and nanomedicine
- Electronics, optoelectronics and sensors
- Environmental and catalytic applications

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