



<https://mh2026.jp/>

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@MH2026Sendai

353

days

10

hrs

54

min

Registration
and
Abstract
Submission

MENU

MH2026

19th Int'l Symposium on
Material-Hydrogen Systems

Sendai, Japan

Oct. 25 (Sun) – 30 (Fri), 2026



Welcome to Sendai, Japan

Abstract Submission Deadline: **Feb. 28 (Sat.)**, 2026 (JST)

Registration Deadline: **Aug. 31 (Mon.)**, 2026 (JST)



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Topics Covered

Materials

- M1: Intermetallic compounds
- M2: Multi-component alloys / High entropy alloys
- M3: Ti containing alloys / V containing alloys
- M4: Mg containing alloys
- M5: Complex hydrides / Ionic hydrides
- M6: Super-stoichiometric hydrides
- M7: Porous and high-surface materials
- M8: Low dimensional materials / Nano materials
- M9: Ammonia / Ammonia-related materials
- M10: Chemical hydrides / Organic hydrides
- M11: Hydrogenation and dehydrogenation catalysts
- M12: Polymers
- M13: Structural materials
- M14: Others / Not applicable

Fundamentals

- F1: Materials synthesis / Crystal structures
- F2: Thermodynamics / Phase diagrams
- F3: Extreme conditions / Mechanochemistry
- F4: Diffusion, transport and conduction phenomena
- F5: Electronic, magnetic and thermal properties
- F6: Catalysis / Reaction kinetics
- F7: Surface and interface phenomena
- F8: Gas adsorption and separation
- F9: Isotope (H, D and T) phenomena
- F10: Hydrogen embrittlement
- F11: Advanced metrology / Instrumental technology
- F12: Theory / Calculation / Data science (AI/ML)
- F13: Others

Applications

- A1: Stationary hydrogen storage and delivery
- A2: Mobility-oriented hydrogen storage
- A3: Energy and hydrogen carriers
- A4: Batteries / Fuel Cells
- A5: Hydrogen production
- A6: Hydrogen compression
- A7: Heat storage / Heat pumps
- A8: Hydrogen purification and separation
- A9: Hydrogen sensors
- A10: Safety / Assessment / Standards
- A11: Others

Promotion and Excursion Videos

