

January 12-17, 2025, Punta Arenas, Chile



Join the Chilean-German Summer School on Power-to-X!

Overview

From January 12 to 17, 2025, in Punta Arenas, Chile, explore the future of sustainable energy with a focus on **green hydrogen** and its derivatives like methanol, ammonia, and hydrocarbons. These products, derived from renewable energy sources, are crucial for reducing greenhouse gas emissions in hard-to-electrify applications worldwide.

This event is organized by **Karlsruhe Institute of Technology, Universidad de Chile, Universidad de Magallanes, SERC-Chile, and ISCI**. It will bring together **30-40 PhD students and Postdocs** from Chile and Germany, along with representatives from the industry, academia, and local authorities. Participants will engage in keynote presentations, research discussions, and interactive workshops to address the challenges and opportunities along the whole value chain of international **Power-to-X** projects within the context of the global energy transition. **Collaboration between Chile and Germany** can contribute significantly to unlocking the potential of renewable power and creating sustainable solutions for future generations.

Participants will have a unique opportunity to explore the technological and innovation landscape, engage in networking, and experience the stunning nature of Patagonia.

Registration fee:

- 300 eur (Academia)
- 800 eur (Industry)

Organized by:



Venue:

Universidad de Magallanes. Av. Pdte. Manuel Bulnes 01855, 6210427 Punta Arenas

Recommended hotels in Punta Arenas:

- Hostal Almasur
- Apart Hotel Endurance
- Apart Hotel Quillango
- Hotel Cabo de Hornos
- Hotel Carpa Manzano
- Hostal Labarca

Tentative program											
	Day 1		Day 2		Day 3		Day 4		Day 5		Day 6
Time (hh.mm)	Sunday	Time (hh.mm)	Monday	Time (hh.mm)	Tuesday	Time (hh.mm)	Wednesday	Time (hh.mm)	Thursday	Time (hh.mm)	Friday
15.00 - 16.00	Registration	8.30 - 9.00	Registration		Session 2: Power to X Value Chain		Session 3: Innovation and Start-ups		Field trip		Session 5: Group Evolution
16.00 - 16.20	Opening address- Local Authorities of Punta Arenas	9.00 - 9.15	Welcome by local authorities: German Embassy, and Uni. Magallanes.	9:00 - 10:30	-Roland Dittmeyer (KIT)	9:00 - 10:30	-Phlair (S. Garbe)	9:00 - 12.00	Visit Haru Oni plant	9:00 - 9:30	Group reforming
16.20 - 16.35	Welcoming - Rodrigo Palma (UCH)	9.15 - 9.45	Introduction to the Summer School by Organizers		-Rodrigo Palma (UCH)		-Spark e-fuels (A. Zimmermann)			9:30 - 10:30	World-Café Phase 1
16.35 - 17.00	„Transforma H2V Magallanes“ - Jonathan Vergara- CORFO	9.45 - 10.30	Keynote speech: Hydrogen Roadmap of Chile		-Angela Flores (UCH)		-Luxmeter (E. Plett)				
17.00 - 17.20	Energy context of Magallanes - Sergio Cuitino - Ministry of Energy	10.30 - 11.00	Coffee break	10:30 - 11:00	Coffee Break	10:30 - 11:00	Coffee Break		10:30 - 11:00	Coffee Break	
17.20 - 17.40		Challenges and Opportunities for the Magallanes Region - Gobierno Regional Magallanes	11.00 - 12.00	Keynote speech: Global Green Hydrogen Economy: Torsten Schwab (GLZ)	11:00 - 13:00	Young Scientists Presentations - 1st part	11:00 - 13:00	Case Study: Successful Energy Projects. INERATEC (S. Michaux), ABB, Gasco, HIF, Neuman-Esser	11:00 - 12:00	World-Café Phase 2	
17.40 - 18.10	Challenges of the hydrogen technology in the Magallanes region- Humberto Vidal	12.00 - 12.30	Frank Dinter - Fraunhofer Chile						12:00 - 13:00	Presentations by Group Representatives	
18:10 - 18.30		Closing remarks - Prof. Rodrigo Palma	12.30 - 13.00	Fundación Chile							
18.30 - 21.00	Informal gathering										
		13.00 - 14.00	Lunch	13:00 - 14:00	Lunch	13.00 - 14:00	Lunch	12:00 - 14:00	Lunch	13:00 - 14:00	Lunch
		14.00 - 14.30	Session 1: Regional Aspects of H2- A. Ruz	14:00 - 16:00	Young Scientists Presentations - 2nd part	14:00 - 17:00	Outdoor excursion (Fuerte Bulnes)		Session 4: Group Work	14:00 - 15:00	-Closing Session -Best Pitch Award Ceremony -Science Slam -Closing Remarks
		14.30 - 15.30	Panel: -ENAP -Erwin Plett (Low Carbon) -Representative from government					14:00 - 14:30	-International PtX Projects (Matchmaking)		
		15.30 - 16:00	Coffee Break					14.30 - 15.30	-Working Phase 1		
		16:00 - 17:00	Panel Discussion: Power to X technologies -Sergio Ríos -Frank Dinter	Evening	-City Tour -Free	Evening	Dinner in Punta Arenas (Gasco Sponsor)	15.30 - 16.00	Coffee Break	16.00 - 17.00	-Working Phase 2
		Evening (19:00 - 21:30)	Networking Meeting/Dinner at Yegua Loca					17.00 - 18.00	-Goup presentations		
								Evening	Dinner in Punta Arenas (ABB Sponsor)		

Sponsors:



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Die Zukunft unserer Energie