



CERTIFICATE

We certify that **Amund Skretting Bergset** participated in and delivered the talk entitled "Improved Inflow Modelling in Medium-Term Hydropower Scheduling" at the 8th International Conference on Hydropower Scheduling in Competitive Electricity Markets – Hydro Scheduling 2025 held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

Bemardo FP Cafa

Bernardo Costa Organizing Comittee



















CERTIFICATE

We certify that André Luiz Diniz participated in and delivered the talk entitled "Incorporating short-term constraints in the long-term hydrothermal-wind systems operation
 planning" at the 8th International Conference on Hydropower Scheduling in Competitive
 Electricity Markets – Hydro Scheduling 2025 held at School of Applied Mathematics of
 Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

Bernardo FP Confa

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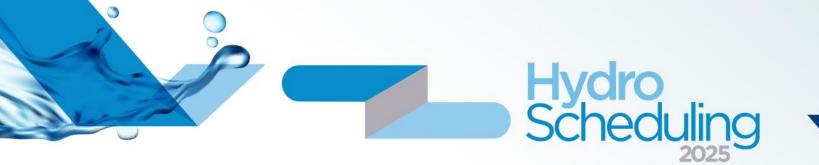














CERTIFICATE

 We certify that André Luís Marques Marcato participated in and delivered the talk entitled "Methodology for analyzing the coupling between short, medium and long-term generation planning: a characterization of the Future Cost Function" at the 8th
 International Conference on Hydropower Scheduling in Competitive Electricity Markets
 Hydro Scheduling 2025 held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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We certify that Arthur Benedicto Ottoni participated in and delivered the talk entitled
"Floating Hydroelectric Power Plant (FHPP)" at the 8th International Conference on Hydropower Scheduling in Competitive Electricity Markets – Hydro Scheduling
2025 held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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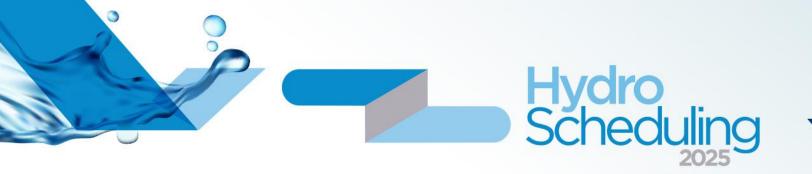
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CERTIFICATE

We certify that Bernardo Costa participated in and delivered the talk entitled "LinearDecisionRules.jl" at the 8th International Conference on Hydropower Scheduling in Competitive Electricity Markets – Hydro Scheduling 2025 held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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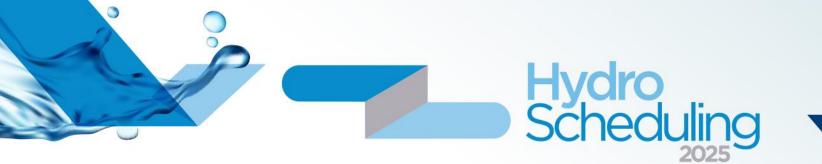














CERTIFICATE

We certify that Christian Øyn Naversen participated in and delivered the talk entitled "Detailed Representation of Hydropower and Pumped Hydropower Storage in Capacity Expansion Models" at the 8th International Conference on Hydropower Scheduling in Competitive Electricity Markets – Hydro Scheduling 2025 held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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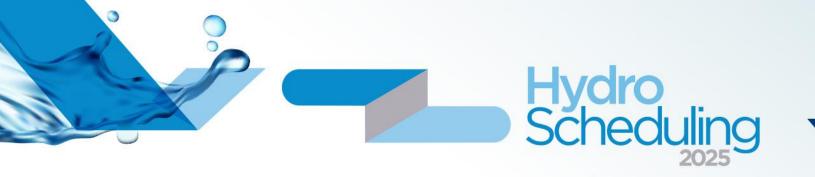














CERTIFICATE

We certify that Fernando Deeke Sasse participated in and delivered the talk entitled "Efficient Density Function Estimation for Hydro and Wind Power Applications Using Chebyshev Polynomial Approximations" at the 8th International Conference on Hydropower Scheduling in Competitive Electricity Markets – Hydro Scheduling 2025 held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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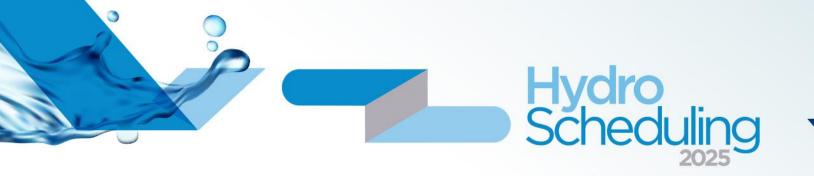
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CERTIFICATE

We certify that Guilherme Meirelles Bodin de Moraes participated in and delivered the talk entitled "Comparison between different parallelization schemes in SDDP policy training" at the 8th International Conference on Hydropower Scheduling in Competitive Electricity Markets – Hydro Scheduling 2025 held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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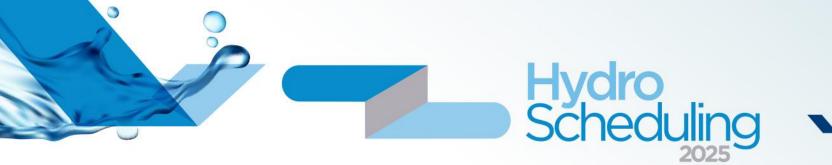
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CERTIFICATE

We certify that Jinghao Wang participated in and delivered the talk entitled "Optimizing Longterm Hydro-thermal Scheduling Through Deep Learning: A Comparative Study" at the 8th International Conference on Hydropower Scheduling in Competitive Electricity Markets – Hydro Scheduling 2025 held at School of Applied Mathematics of Getulio Vargas Foundation -FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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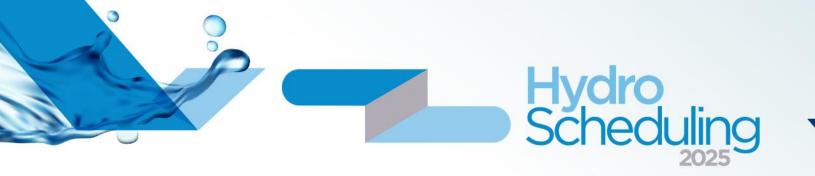
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CERTIFICATE

We certify that Lucas Faria Lima participated in and delivered the talk entitled "Feasibility analysis for the Installation of a Pumped Hydro Energy Storage in the Brazilian National Interconnected System" at the 8th International Conference on Hydropower Scheduling in Competitive Electricity Markets – Hydro Scheduling 2025 held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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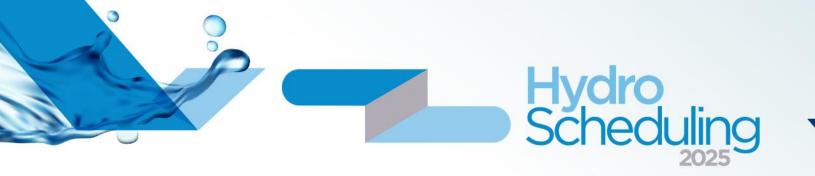
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CERTIFICATE

We certify that Nicolas Abreu Rocha Leite Netto participated in and delivered the talk entitled "The Impact of Hydropower Scheduling on Transient Stability Studies" at the 8th International Conference on Hydropower Scheduling in Competitive Electricity Markets – Hydro Scheduling 2025 held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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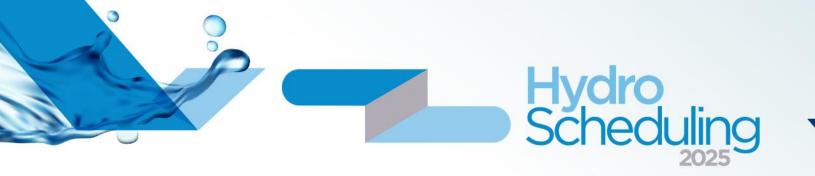














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We certify that Paulo Sergio Franco Barbosa participated in and delivered the talk entitled "Valuation of Reactive Power Support and the Role of Hydropower in Power Systems under Decarbonization" at the 8th International Conference on Hydropower Scheduling in Competitive Electricity Markets – Hydro Scheduling 2025 held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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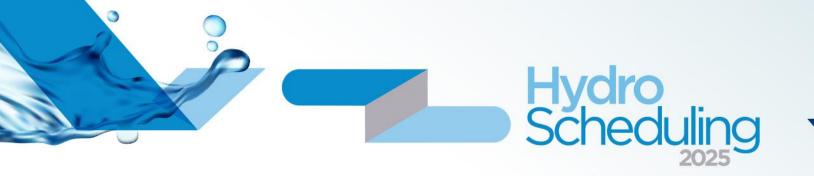














CERTIFICATE

We certify that Rafael Almeida Brandão participated in and delivered the talk entitled "Model for determining critical reservoir levels for energy security" at the 8th International Conference on Hydropower Scheduling in Competitive Electricity Markets – Hydro Scheduling 2025 held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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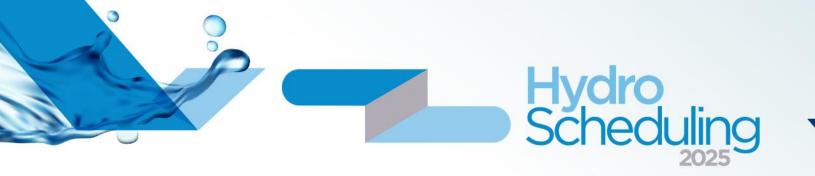














CERTIFICATE

We certify that **Rafael Benchimol Klausner** participated in and delivered the talk entitled "**Physical Guarantee for Interconnected Systems**" at the **8th International Conference on Hydropower Scheduling in Competitive Electricity Markets – Hydro Scheduling 2025** held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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We certify that Robério da Rocha Barboza participated in and delivered the talk entitled "Impact of Electrical Network Constraints on Water Values and Hydro generation policy for long term Hydro-Thermal-Wind Planning Problem Solved via Stochastic Dual Dynamic Programming: Application to the NEWAVE Model" at the 8th International Conference on Hydropower Scheduling in Competitive Electricity Markets – Hydro Scheduling 2025 held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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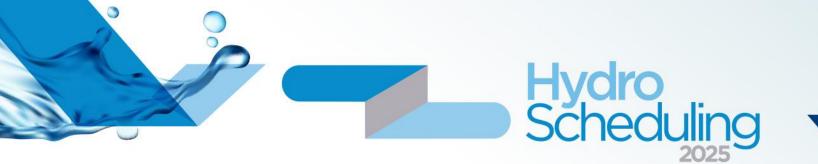




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We certify that **Stefan Rex** participated in and delivered the talk entitled **"Iterative reoptimization with multiple markets in stochastic medium-term hydropower scheduling"** at the 8th International Conference on Hydropower Scheduling in Competitive Electricity **Markets – Hydro Scheduling 2025** held at School of Applied Mathematics of Getulio Vargas Foundation - FGV EMAp, Rio de Janeiro, from May 26 to May 28, 2025.

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