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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.

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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.

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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
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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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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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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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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
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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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We certify that **Jinghao Wang** participated in and delivered the talk entitled “**Optimizing Long-term 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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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
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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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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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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
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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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We certify that **Stefan Rex** participated in and delivered the talk entitled “**Iterative re-optimization 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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