

PROGRAMME

JOUR 3 MATINÉE
MERCREDI 24 JUIN 2026

Le Couvent des Jacobins
Centre des Congrès de Rennes Métropole
35000 Rennes

8h00 - 9h00 *Accueil café et thé*

9h00 - 10h00 **Keynote - Inertial Non-Convex Optimization Algorithms Meet Neural Network-Based Inverse Problems** *La Nef*
Jalal Fadili, directeur du centre AISSAI

10h00 - 10h20 *Pause*

**Session parallèle 1 :
Fondements
mathématiques de l'IA**
La Nef
Johannes Hertrich : On the Relation between Rectified Flows and Optimal Transport *15 min*
Eliot Tron : Active Learning through Information Geometry *15 min*
Dorian Baudry : Does Stochastic Gradient really succeed for Bandits? *30 min*
David Picard : Polynomial Mixer *15 min*
Clément Yvernes : Sur Identifiabilité dans les graphes causaux abstraits *15 min*

Session parallèle 2 : IA Embarquée

Les dortoirs

Salsabil Saoudi : Comparative Analysis of Hardware Accelerator Architectures for Performance and Energy Efficient Deep Neural Network Execution *15 min*
Romain Facq : Towards Fully-Quantized training for Continual Learning on Embedded Systems *15 min*
Thomas Koehler : La légende du compilateur auto-magique *30 min*
Amélie Gruel : Stakes of Neuromorphic Encoding & Preprocessing *15 min*
Jonathan Peters : Utilising Equilibrium Propagation to Train Stochastic Multilayer Spintronic Neural Networks *15 min*

11h50 - 13h20 *Buffet déjeuner*

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**JOUR 3 APRÈS-MIDI
MERCREDI 24 JUIN 2026**

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13h20 - 14h50	Session parallèle 1 : IA Distribuée <i>La Nef</i> Paul Mangold : Agenda Privacy in decentralized learning <i>30 min</i> Rafaël Pinot : The Many Faces of Adversarial Federated Learning <i>30 min</i> Pierre Aguié : Improved Analysis of the Accelerated Noisy Power Method, with Applications to Decentralized PCA <i>30 min</i>	Session parallèle 2 : Fondements mathématiques de l'IA <i>Les dortoirs</i> Marco Rando : Toward Efficient Stochastic Zeroth-order Bilevel Optimization <i>30 min</i> Pierre-Henri Willemin : From Explainability to Actionability: The Contribution of Causal Models <i>30 min</i> David Robin : Adversarial Training cannot be reduced to Regularization <i>30 min</i>
14h50 - 15h10	Pause café et thé	
15h10 - 16h40	Session parallèle 1 : Frugalité de l'IA <i>La Nef</i> Nouha Karaoui : Beyond Zero-Shot Forecasting: Evaluating Continual Learning in Time Series Foundation Models <i>30 min</i> Alper Kalle : Distribution-Aware Tensor Decomposition for Compression of Convolutional Neural Networks <i>30 min</i> Olivier Faure : Leveraging Time Encoding to Enhance Sparsity in SNN Trained with Forward-Forward <i>30 min</i>	Session parallèle 2 : Confiance de l'IA <i>Les dortoirs</i> Julien Girard-Satabin : Extending the reach of specification and verification of Machine Learning <i>15 min</i> Caterina Urban : Faster Verified Explanations for Neural Networks <i>15 min</i> Charlotte Laclau : Revisiting Fairness on Graphs <i>15 min</i> Herve Le Borgne : Explaining and Steering Large Multimodal Models <i>15 min</i> Mathieu Serrurier : Do We Really Need Adversarial Robustness Guarantees? <i>30 min</i>
16h40 - 18h10	Session commune PEPR IA et SEQUOIA : IA et Sécurité <i>La Nef</i> PEPR IA Mathieu Gestin , Impossibility of Privacy Preserving Multidimensional Approximate Agreement <i>20 min</i> SEQUOIA Virgile Dine , Machine unlearning <i>20 min</i> PEPR IA Pierre Boulet , Rethinking Adversarial Attacks on Neuromorphic Models <i>20 min</i> SEQUOIA Erwan Le Merrer , LLM fingerprinting and change auditing in the wild <i>20 min</i>	
18h10 - 18h30	Clôture	