WEDNESDAY, APRIL 24TH

2 :00 pm   Welcome speach

2 :30 pm   **Tutorial – Flavio Abreu Araujo**
Neuromorphic spintronics and its magnonic wink

3:15 pm   **Tutorial – Adam Papp**
Introduction to SpinTorch

4:00 pm   Coffee Break

4:30 pm   **Invited talk – Kilian Stenning**
Neuromorphic Overparameterisation: Generalisation and Few-Shot Learning in Multilayer Physical Neural Networks of Nanomagnetic Arrays

5:15 pm   **Tutorial – Giovanni Finocchio**
Tutorial on computing

6:00 pm   End of Day 1

7:30 pm   **Workshop dinner**
On the Seine River

THURSDAY, APRIL 25TH

9:00 am **Animator – Paolo Bortolotti**

9:15 am **Philipp Pirro**
Presentation of European Project CoSPiN

9:45 am **Sebastiaan van Dijken**
Presentation of European Project MANNGA

10:15 am Coffee Break

10:45 am **Helmut Schultheiss**
Presentation of European Project NIMFEIA

11:15 am **Madjid Anane**
Presentation of European Project k-NET

11:45 am **Florin Ciubotaru**
Presentation of European Project SPIDER

12:15 Lunch break

1:45 pm **1h30 Round table**

3:15 pm **Invited talk – Mikhail Kostylev**

3:45 pm Coffee Break

4:15 pm **Invited talk – Joo Von Kim**
Multimode parametric excitations for nonlinear magnonic computing

4:45 pm **Gabriel Soares**
Mutual inhibition between parametrically excited spin wave modes

5:05 pm **Anton Lutsenko**
Magnonic Fabry-Pérot resonators as programmable phase shifters and energy concentrators

5:25 pm **Poster Session**

7:00 pm End of Day 2

FRIDAY, APRIL 26TH

9:00 am   **Invited talk – Dedalo Sanz Hernandez**
             Spintronic Radio-Frequency Neural Networks

9:30 am   **Kevin Fripp**
             Nanoscale chiral magnonic resonators as two-dimensional
             spin-wave scatterers for neuromorphic computing applications

9:50 am   **Salvatore Perna**
             Bistability of P-modes and Chaos in FMR in BiYIG nanodisks

10:10 am   **Abbas Koujok**
             Hybrid magnonic-oscillator system: towards the development of
             hybrid artificial network structures

10:25 am   Coffee Break

10:55 am   **Jamal Berakdar**
             PT-symmetry assisted logic operations

11:15 am   **Invited talk – Christopher Heins**
             Floquet Magnons in a Periodically-Driven Magnetic Vortex

11:45 am   **Tobias Farchy**
             Training Neuromorphic Computing Devices for Time Series and
             Digit Recognition using Non-Linear Spin Wave Interference

12:05   **Lunch break**

1:30 pm   **Thibaut Devolder**

1:45 pm   **Abbas Hamadeh**
             Dynamical diversity of magnetization dynamics in interacting
             systems through tunable coupling strength

2:00 pm   **Maryam Massouras**
             Noncommutativity of Parametric Excitations in YIG disks: a promising
             playground for magnonic-based computing

2:15 pm   **Maria Cocconcelli**
             Reconfiguring Magnonic Devices with Magnetic MEMS

2:30 pm   **Andrey Shytov**
             Analytical modelling of magnonic resonators and their application
             for neuromorphic computing

2:45 pm   **Hugo Merbouche**
             Non-degenerate parametric excitation in YIG nanostructures for k- space
             neuromorphic computing

Around 3 pm – End of Day 3 and end of the workshop