

# The programme at a glance

Doctoral Days on Mathematics and Computer Sciences

PROGRAMME

23-24 November 2026

ENSA Khouribga | Khouribga, Morocco

Key dates

| SUBMISSION DEADLINE | ACCEPTANCE NOTICE | FINAL PROGRAMME | EVENT DAYS          |
|---------------------|-------------------|-----------------|---------------------|
| 26 October 2026     | 2 November 2026   | 9 November 2026 | 23-24 November 2026 |

Registration fees

|                        |         |
|------------------------|---------|
| PhD students           | 200 MAD |
| Academics / professors | 400 MAD |

Research themes

|                                                      |                                                            |
|------------------------------------------------------|------------------------------------------------------------|
| 01 Applied mathematics and optimisation              | 02 Machine learning and artificial intelligence            |
| 03 Advanced materials, processing and energy systems | 04 Environmental science, energy efficiency and renewables |
| 05 Computational methods and algorithms              | 06 Image processing and computer vision                    |
| 07 Data mining and analytics                         | 08 Modelling and simulation in physical systems            |
| 09 Process design and systems engineering            | 10 Computer and data science applications                  |

DAY ONE / MONDAY, 23 NOVEMBER 2026

# Welcome and plenary sessions

| TIME        | PROGRAMME ITEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30       | <b>Registration and welcome</b><br>Participant reception.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 09:00       | <b>Opening remarks</b><br>Welcome from the university and organising committee.<br><br><b>Pr. MEHDI Khalid</b> - President by Interim, Sultan Moulay Slimane University, Beni Mellal, Morocco<br><b>Pr. Mohammed SAJIEDDINE</b> - Vice-President for Academic and Student Affairs; Acting Director, ENSA Khouribga, USMS, Morocco<br><b>Pr. Hafida HANINE</b> - Vice-President for Scientific Research, USMS, Morocco<br><b>Pr. Aboutabit Noureddine</b> - Director, LIDIA Laboratory, ENSA Khouribga, USMS, Morocco<br><b>Pr. KAROUM Bouchra</b> - On behalf of the NDD 2026 coordination committee, USMS, Morocco |
| 09:30-10:15 | <b>Plenary lecture 1 - Francois Jauberteau</b><br>Talk title to be announced. Moderator: Pr. Aboutabit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 10:15-11:00 | <b>Coffee break</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 11:00-11:45 | <b>Plenary lecture 2 - Mourad Nachaoui</b><br>Talk title to be announced. Moderator: Pr. Ennaji.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 11:45-12:30 | <b>Plenary lecture 3 - Mohamed Quafafou</b><br>Talk title to be announced. Moderator: Pr. El Malki.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 12:30-14:30 | <b>Lunch break</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 14:30-17:30 | <b>Parallel sessions - doctoral research communications</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 17:30-18:00 | <b>Coffee break and close of day one</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

# Plenary sessions and closing

| TIME        | PROGRAMME ITEM                                                                                            |
|-------------|-----------------------------------------------------------------------------------------------------------|
| 09:00       | <b>Registration and welcome</b><br>Participant reception.                                                 |
| 09:30-10:15 | <b>Plenary lecture 1 - Eric Moreau</b><br>Talk title to be announced. Moderator: Pr. Imad Hafidi.         |
| 10:15-11:00 | <b>Coffee break</b>                                                                                       |
| 11:00-11:45 | <b>Plenary lecture 2 - Abdeljalil Nachaoui</b><br>Talk title to be announced. Moderator: Pr. Ourdou Amal. |
| 11:45-12:30 | <b>Plenary lecture 3 - El Kabtane Hamada</b><br>Talk title to be announced. Moderator: Pr. Khalfi Hamza.  |
| 12:30-14:30 | <b>Lunch break</b>                                                                                        |
| 14:30-17:30 | <b>Parallel sessions - doctoral research communications</b>                                               |
| 18:00-18:30 | <b>Coffee break and closing ceremony</b>                                                                  |

## Plenary speaker affiliations

|                            |                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------|
| François Jauberteau        | Laboratoire de Mathématiques Jean Leray, UMR6629 CNRS/Université de Nantes, 2 rue de la Houssinière, France. |
| <b>Mourad Nachaoui</b>     | Sultan Moulay Slimane University, Morocco.                                                                   |
| <b>Mohamed Quafafou</b>    | Sultan Moulay Slimane University, Morocco.                                                                   |
| <b>Eric Moreau</b>         | CNRS, LSIS, UMR 7296, Université de Toulon, 83957 La Garde, France.                                          |
| <b>Abdeljalil Nachaoui</b> | Sultan Moulay Slimane University, Morocco.                                                                   |
| <b>El Kabtane Hamada</b>   | Cadi Ayyad University, Morocco.                                                                              |

RESEARCH / SUBMISSIONS

# Call for doctoral research

NEXUS Doctoral Days invites original work in mathematics or computer science. Papers should be written in English and kept to three pages maximum, with a clear title, motivating abstract, methods, results, references, and keywords. Submissions will be reviewed for originality, significance, methodological soundness, and clarity. The paper template is linked from the event website.

## Recognition

The website lists a planned best presentation prize. Its listed evaluation criteria are content (45%), clarity and flow (20%), novelty and contribution (25%), and timing (10%); confirm these with the organisers in the final programme.

## Organiser contact

For official registration information, final session assignments, and programme updates, email [nexus.ensak@usms.ac.ma](mailto:nexus.ensak@usms.ac.ma).