

## SCIENCE WEEK Programme 17-21 Février, 2025

### Lundi 17 Février

#### Ouverture de la Science Week 2025

#### ABS, SAP+D and GTI half-day sessions

##### A. Morning

##### Amphi 2017

- 09.30 - 10.00 Accueil du public et des participants
- 10.00 - 10.10 Hicham EL HABTI (Président UM6P): Discours de bienvenue
- 10.10 - 10.20 NN : Discours protocolaire
- 10.20 - 10.30 Projection film institutionnel Science Week: past editions'
- 10.30 - 11.00 Fouad LAROUI: 'Does Science Really Think?'
- 11.00 - 11.30 Keynote 1: Jacob **JONES**: 'Shaping Our Future with Phosphorus'
- 11.30 - 12.00 Keynote 2: Heide **HACKMANN**: 'Shaping the Future of Africa'
  
- 12.15 - 12.45 Visite du village scientifique (les stands des départements)
- 12.45 - 14.00 Lunch=====

##### B. Après-midi (3 sessions parallèles)

#### SESSION B1: ABS (Africa Business School) LEADERSHIP AND SKILLS FOR A CHANGING WORLD

- 14.30 - 14.40 Welcome & Opening Remarks
- 14.40 - 15.10 Steven DHONDT: 'Building Bridges: Preparing the Workforce for Challenges of Industry 5.0'
- 15.10 - 15.40 Seren DALKIRAN: 'The Millennial Leadership Paradigm'
- 15.40 - 16.10 Amine BELEMLIH: 'Transformational Leadership for a Changing World'
- 16.10 - 16.30 Pause
- 16.30 - 17.30 Discussion: **'FUTURE SKILLS AND SKILLS OF THE FUTURE'** - Khong-Lô PHAM, Reda EL ANDALOUSSI, Steven DHONDT, Seren DALKIRAN, Amine BELEMLIH.

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#### SESSION B2: SAP+D HOUSING THE FUTURE

14.30 - 17.00

[PROGRAMME A VENIR].

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#### SESSION B3: GTI SHAPING A SUSTAINABLE FUTURE: SCIENCE, INNOVATION, ACTION

- 14.30 - 15.15 Welcome & Opening Remarks  
Introduction to the theme 'Shaping a Sustainable Future'.  
Opening Speech: Mr. Reda HAMEDOUN delivers 'A Call for Action'.
- 15.15 - 16.00 Philippe ESPOSITO: 'The Expert's Story - Green Hydrogen Innovation'
- 16.00 - 16.15 Coffee & Networking Break. **GTI Exhibition.**
- 16.15 - 17.15 Interactive Challenge: From Idea to Market  
(Session led by GTI students) Student competition  
"From an Idea to the Market".
- 17.15 - 17.45 Closing Panel Discussion: 'The Future Begins Here'  
Showcase: GTI's Impact Video Tower. Awards Ceremony.

C. 17.45 - 18.30 Tarek OUALALOU: Présentation du FUTURE STADE HASSAN II, le plus grand stade de football du monde.

**Mardi 18 février**

**Journée College of Computing**

<b>A. Matinée</b>	<b>(Partie Grand public) Amphi 2017</b>
09.00 - 09.30	Introduction
09.30 - 10.15	Mark BÜRKI: ' <u>The Story of an Internet Bank</u> '
10.15 - 10.45	Coffee Break
10.45 - 11.30	Amin SHOKROLLAHI: ' <u>From Information Theory to Hardware</u> '
11.30 -12.15	Edward BUGNION: ' <u>The Story of a Virtual Machine</u> '
12.15 - 14.00	Lunch=====

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**B. Après-midi**

**SESSION B1: (Partie étudiants du College of Computing)**

**ENTREPRENEURSHIP IN TECH**

14.00 - 14.30	Hicham OUDGHIRI: ' <u>About Enigma</u> '
14.30 - 15.30	Selected Student Presentations
15h30 - 16.00	Coffee Break
16.00 - 16.30	Résultat du concours étudiants
16.30 - 17.00	Discussion: 'College of Computing, Future & Perspectives

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**SESSION B2: AGC - AFRICAN GENOME CENTER**

**'THE FUTURE POTENTIAL OF GENOMICS IN MOROCCO & BEYOND'**

15.00 - 15.45	NN: ' <u>Genomics: the future</u> '
15.45 - 17.00	Workshop: ' <u>The future potential of genomics</u> '
	Moderateur: Bulbul AHMED

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**SESSION B3: THE GLOBAL CRITICAL ZONE SCIENCE CHAIR (IAS)**

**PHOSPHOROUS & SUSTAINABILITY**

15.00 - 15.45	Jacob JONES: ' <u>Phosphorous and sustainability</u> '
15.45 - 17.00	Workshop: Jacob JONES, Adnane BARGAZ, Daniel NAHON
	Moderateurr: Hudson Wallace Pereira de Carvalho

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**SESSION B4: SHBM - SCHOOL OF HOSPITALITY AND BUSINESS MANAGEMENT 'SHAPING THE FUTURE OF HOSPITALITY'**

14.30 - 14.35	Introduction
14.35 - 14.45	Keynote: ' <u>The Role of Innovation in Shaping the Hospitality Sector</u> '
14.45 - 15.10	Education supporting tourism development and innovation
15.10 - 15.20	SHBM Student Showcase 'Wicked Problems and Viable Future of Tourism' (in partnership with the Chair of Complexities ∞ Humanities)
15.20 - 15.30	Session Q&A Future Hospitality Tourism Challenge

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**SESSION B5:            GSMI - GEOLOGY & SUSTAINABLE MINING INSTITUTE**  
*[PROGRAMME A VENIR].*

**Mercredi 19 Février**

**Journée FMS - Faculty of Medical Science and ISSBP (Amphi 2017)**

**A. Matinée                    MEDICAL SCIENCES: SHAPING THE FUTURE WITH AI?**

- 09.00 - 09.30            Accueil des participants et mot de Bienvenue du Dean Rachid El Fatimy
- 09.30 - 10.00           Intissar HADDIYA: 'Will AI replace nephrologists?'
- 10.00 - 10.30           Mohamed BENNANI 'Will AI replace ophthalmologists?'
- 10.30 - 11.00           Hassan CHELLY: 'AI and Medicine: hopes and fears'.
- 11.00 - 11.45           Débat et Q&A avec le public

**Online from YALE School of Medicine:**

- 11.45 - 12.30           Choukri BEN MAMOUN: 'Novel Therapeutic Strategies Targeting Pathogen Adaptation and Survival Mechanisms'

- 12.30 - 13.45           Lunch

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**B. Après-midi                ISSBP**

- 14.00 - 14.45           Paul VERMOT: 'Optimizing AI practices in higher education and health care'.
- 14.45 - 15.15           Débat et Q&A avec le public
- 15.15 - 15.30           Pause
- 15.30 - 16.15           Céline NERI and Fouzia GUIBLAIN BOUMNADEL: 'Nursing Clinical Assessment: Crossed Perspectives on Somatic Care and Mental Health'
- 16.15 - 17.00           Débat avec les étudiants
- 17.00 - 17.30           **Debriefing** de la journée (R. **EL FATIMY**, B. **JABRANE**)

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**C. Après-midi                CCH (COMPLEXITIES CHAIR<sup>∞</sup> HUMANITIES)**  
**THE LIVING WORLD: RETROSPECTIVE AND PROSPECTIVE**

- 14.00 - 14.15           Accueil
- 14.15 - 14.45           A. EL ALBANI: 'From the origins of life to the Anthropocene'
- 14.45 - 15.15           Bernard LAHIRE: 'Towards a social science of life'
- 15.15 - 15.30           Pause
- 15.30 - 16.00           Grazia BORRINI-FEYERABEND: 'Territories of life'
- 16.00 - 16.30           Reda BENKIRANE, 'Surviving the Anthropocene'
- 16.30 - 17.00           Q&A avec le public

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**D. Fin d'après-midi**  
**18.00-19.00                CONFERENCE (LEARNING CENTER)**  
**Fouad LAROUI: 'AI AND THE FUTURE OF ART'**

**Jeudi 20 Février**  
**Journée MSN - Materials Science &**

**Nanotechnology Journée College of Agriculture**

<b>A. Matinée</b>	<b>MSN (Amphitheater Ibn Roshd)</b>
09.30 - 10.00	Accueil
10.00 - 11.15	1. Mahiar Max <b>HAMEDI</b> ' <u>Shaping the future, materials design and the AI paradigm</u> ' 2. Debate focusing on <u>sustainability, innovation &amp; renewable energy</u> (Abdelghani <b>EL KACIMI</b> , Ali <b>KETTANI</b> , Fouad <b>GHAMOUSS</b> , Mouad <b>DAHBI</b> , Mohammed <b>MAKHA</b> ) Moderateur: Johan <b>JACQUEMIN</b>
11.15 -11.30	Pause
11.30 - 12.30	<b>INNOVATION CHALLENGE: PART 1.</b> PhD <b>students</b> pitch multidisciplinary solutions to global challenges. Judging Panel: MSN faculty and guest experts
12.30 -14.00	Lunch=====
<b>B. Après-midi</b>	<b>MSN (Amphitheater Ibn Roshd)</b>
14.00 - 15.15	Toni <b>NIJM</b> : ' <u>Shaping our future through disruptive innovations</u> ' DISCUSSION with the speaker / audience Q&A. Moderateur: Jones <b>ALAMI</b>
15.15 -15.30	Coffee break
15.30 - 17.00	<b>INNOVATION CHALLENGE: PART 2</b> PhD students continue pitching multidisciplinary solutions to global challenges, with their work evaluated by faculty and guest experts. <b>AWARDS</b> for the most innovative ideas
<b>C. Matinée</b>	<b>College of Agriculture (Amphitheater 2017)</b>
9.00 - 9.30	Accueil
9.30 - 10.15	Heide <b>HACKMAN</b> : 'Trans-disciplinarity in the contemporary global context'
10.15 - 10.30	Q&A
10.30 - 10.45	Coffee break
10.45 - 12.15	<b>SESSION 1 'AGROECOLOGY')</b> Jill <b>LENNE</b> , Ken <b>GILLER</b> , Pauline <b>CHIVENGE</b> , Olivier <b>OLIVEROS</b> , Bruno <b>GÉRARD</b> Modérée par: Rachid <b>SERRAJ</b>
12.15 - 14.00	Lunch=====

## D. Après-midi College of Agriculture (Amphitheater 2017)

- 14.00 - 15.30 **SESSION 2 'AGRITECH AND DIGITAL DIVIDE**  
Parmesh **SHAH**, Ken **LOHENTO**, Faissal **SEHBAOUI**, Heide **HACKMAN**, Ghani **CHEHBOUNI**  
Moderator: M. **EL BOUHSSINI**
- 15.30 - 15.45 Coffee Break
- 15.45 - 17.45 **SESSION 3 'OUTCOMES OF WGs PhD Students and PDFs'**  
Moderator: Ali **EL BATAY**

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## Jeudi 20 Février

- | <b>C. Matinée</b> | <b>IST&amp;I</b>   |
|-------------------|--|
| 09.00 - 09.30     | Welcome Speech IST&I by Redouane <b>BENIAZZA</b>   |
| 09.30 - 10.00     | Asmae <b>BOUSFIHA</b> : ' <u>Past, present and future: a call for a change toward sustainability</u> '   |
| 10.00 - 11.00     | Keynote: Sami <b>LAKHDAR</b> : ' <u>Shaping the future of Phosphorus chemistry through visible light</u> ' - Moderation: Idir <b>BENAÏSSA</b>  |
| 11.00 - 11.15     | Coffee break   |
| 11.15 - 12.00     | Debate focusing on <b><u>SUSTAINABLE PHOSPHORUS CHEMISTRY</u></b> . State of the art and future perspectives. (Sami <b>LAKHDAR</b> , Idir <b>BENAÏSSA</b> , Jamal <b>AÏT BRAHIM</b> and Amal <b>MERROUNE</b> ) |
| 12.00 - 12.30     | <b>PhD students</b> MT180: The impact of their projects on shaping Morocco's future.   |
| 12.30 - 14.00     | Lunch  |
| 14.00 - 14.45     | Kaoutar <b>SEFRIOUI</b> : 'Smart chemistry: AI driven discoveries and their future applications'   |
| 14.45 - 15.30     | Nils <b>HANEKLAUS</b> : (Title to be defined)  |
| 15.30 - 16.15     | Bouchaib <b>MOUHSINE</b> : (Title to be defined)<br>Moderator: Jamal <b>AÏT BRAHIM</b>   |
| 16.15 - 16.30     | Coffee break   |
| 16.30 - 17.30     | <b>PhD students</b> MT180: "The impact of their projects on shaping Morocco's future".   |

## Vendredi 21 Février

### A. Matinée

### ISE 'AI and Higher Education

09.00 - 09.30

Welcome of the Audience

09.30 - 10.15

Dan **REMENYI**: 'The Impact of AI in Higher Education'

10.15 - 11.00

Round-Table: 'What should future AI Academic Research focus on?' with Dan **REMENYI**, Aziz **MIMOUDI**, Valéry **PSYCHÉ**, Abdelhadi **SOUDI**

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### B. Matinée

### FGSES 'Schumpeter, economics and artificial intelligence'

09.00 - 09.30

Welcome of participants

09.30 - 10.00

Alexandre **GEORGIEFF**: 'AI, what impact on employment?'

10.00 - 10.30

Pierre-Noël **GIRAUD**: 'AI, a Schumpeterian analysis'

10.30 - 11.00

Debate (Larabi **JAÏDI**, Hamid **BOUCHIKHI**, Farouk **NOURI** ...)

11.00 - 11.15

Coffee Break

11.15 - 11.45

Ahmed **TRITAH** 'How AI has changed economics research'

11.45 - 12.30

Discussion

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### C. Matinée

### EMINES 'The future shaped by those who will live it'

09.00 - 09.30

Accueil des participants

09.30 - 10.00

**Préambule**

10.00 - 12.00

**Présentations** (par des groupes de 5 à 6 étudiants EMINES)

- 1) **Introduction** (and common thread): On the road to the **5th industrial revolution**
- 2) When **computers** write **mathematical proofs**
- 3) **COBOTS** - a new relationship between man and machine
- 4) Tomorrow's world seen through **smart glasses**
- 5) **Bio-mimicry** supply chain optimization
- 6) **4D** printing techniques applied to **organ** biomanufacturing
- 7) How the molecular tool **CRISPR-Cas9** will eradicate **malaria**
- 8) **Quantum computing** applied to the prediction of **financial crises**
- 9) **The economy** in the face of **climate change**

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### D. Matinée

### MAHIR / Cultur.Ed 'YOUTH IMAGINING THE FUTURE

10.00 - 12.00

**"IMAGINING THE FUTURE (PART 1):**

Award ceremony of the storytelling contest

Short videos contest winner's announcement

Screening of the best short videos & discussion with the videographers

Artistic performances by Cultur.Ed participants

**"IMAGINING THE FUTURE (PART 2):**

Award ceremony of the storytelling contest "Imagining the Future"

Creative writing contest winner's announcement

**E. Après-midi ' MAHIR / Cultur.Ed (CONTINUED)**

14.30 - 17.00: Artistic performances by Cultur.Ed participants

**"IMAGINING THE FUTURE (PART 3):**Collective reading of the best creative writing stories & discussion  
with the authors

Visit of the NABNI#6 exhibition on "Stories &amp; Us".

**F.**

14.30 - 15.00

**School 1337 'Shaping/Coding the Future**Ayman **BIRI**: 'Coding the Future / The Future of Coding'

15.00 - 17.00

Débat avec les étudiants

**Cérémonie de clôture**

14.00 - 14.30

Accueil

**G.**

14.30 - 15.15

**SCI - School of Collective Intelligence**Daniel **ANDLER**: 'What future for human intelligence in the  
AI century?'

15.15 - 16.00

Débat (Daniel **ANDLER**, Raphaël **LIOGIER**, Abdellatif **LAROUI**, Cathal  
**O'MADAGAIN**, Émile **SERVAN-SCHREIBER**)**H.****Team Science Week****SW2026 PREPARATORY INTERDISCIPLINARY**

16.00 - 17.30

Débat modéré par Raphaël **LIOGIER** and Fouad **LAROUI**'Is NBIC convergence shaping the future?'**17.30 - 18.30 SCIENCE WEEK 2025 Cérémonie de clôture****19.00 - 20.00 Concert de clôture : ORCHESTRE DE FRANCE (CHAMBER  
MUSIC)**

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