



National Research Week 2026

Under the aegis of the Ministry of Tertiary Education,
Science and Research



Middlesex
University
Mauritius



DAY 5: FUTURE SOCIETY, EDUCATION AND HUMAN DEVELOPMENT

Date

Friday 24 April 2026

Venue

Lecture Theatre 1, University of Mauritius


MAURITIUS INSTITUTE OF EDUCATION

In collaboration with Higher Education Commission (HEC), Quality Assurance Authority (QAA), Open University of Mauritius (OUM), Mahatma Gandhi Institute (MGI), Rajiv Gandhi Science Centre (RGSC), Middlesex University Mauritius (MDX Mauritius), African Leadership College of Higher Education (ALCHE)


VENUE: LECTURE THEATRE 1, UOM, RÉDUIT
PROGRAMME

| | |
|---------------|---|
| 08 30 - 08 55 | Registration of Participants |
| 08 55 - 09 00 | Master of Ceremony Dr Shakeel Atchia , Mauritius Institute of Education |
| 09 00 - 09 05 | Welcome Address Associate Prof (Dr) Ravhee Bholah , Head, Research Unit, Mauritius Institute of Education |
| 09 05 - 09 10 | Address Mrs Mila Devi Sewruttun-Dosieah , Director, Mauritius Institute of Education |
| 09 10 - 09 50 | Keynote Address Research futures: Designing tomorrow's sociotechnical imaginaries Associate Prof (Dr) Nico Pizzolato , Director of Postgraduate Research at Middlesex University, London <i>Rapporteur: Mrs Monique Coombes, ALCHE</i> |
| 09 50 - 10 10 | Plenary Lecture: Research for Impact - Prof Romeela Mohee , Commissioner Higher Education Commission, Mauritius <i>Rapporteur: Mr Mrinal Sohoraye, OUM</i> |
| 10 10 - 10 30 | Tea Break |

PANEL DISCUSSION

| | |
|---------------|---|
| 10 30 - 12 00 | Title of presentation: To what extent is higher education and research shaping future-ready societies in the age of AI? <ul style="list-style-type: none"> Prof Romeela Mohee, Commissioner, Higher Education Commission Prof Mohammad Santally, University of Mauritius Prof Hyleen Mariaye, Head, Higher Studies Cell, Mauritius Institute of Education Prof Michael Anthony Samuel, University of Kwazulu-Natal, South Africa (Online) Moderator: Associate Prof (Dr) Anwar Rumjaun , Mauritius Institute of Education <i>Rapporteur: Associate Prof (Dr) Sookhenlall Padaruth, MIE</i> |
| 12 00 - 13 00 | Lunch |



TED TALK STYLE PRESENTATIONS

| | Transforming Education through AI and Digital Innovation | Advancing Human Development, Well-being and Social Cohesion | Reimagining Education Systems: Policy, Ethics and Future Skills |
|--------------------------|---|---|--|
| | Lecture Theatre 1, UOM, Réduit Session Chair: Dr Waaiza Udhin, MIE Rapporteurs: <i>Mrs Mangala Jawaheer, MIE</i> <i>Dr Shoueib Bunnoo, OUM</i> | Lecture Theatre 2, UOM, Réduit Session Chair: Dr Jeevendiren Chemen, MGI Rapporteurs: <i>Dr Wedsha Appadoo-Ramsamy, MIE</i> <i>Mr Navish Samyan, OUM</i> | Room G1, UOM, Réduit Session Chair: Dr Bhamini Kamudu-Applasawmy, RGSC Rapporteurs: <i>Dr Sharone Ramasawmy, MIE</i> <i>Mr Emmanuel Jesutomisin Ipinmoye, ALCHE</i> |
| 13 00 - 15 00 | TED Talk 1.1 | TED Talk 2.1 | TED Talk 3.1 |
| | TED Talk 1.2 | TED Talk 2.2 | TED Talk 3.2 |
| | TED Talk 1.3 | TED Talk 2.3 | TED Talk 3.3 |
| | TED Talk 1.4 | TED Talk 2.4 | TED Talk 3.4 |
| Parallel Sessions | TED Talk 1.5 | TED Talk 2.5 | TED Talk 3.5 |
| | TED Talk 1.6 | TED Talk 2.6 | TED Talk 3.6 |
| | TED Talk 1.7 | TED Talk 2.7 | TED Talk 3.7 |
| | TED Talk 1.8 | TED Talk 2.8 | TED Talk 3.8 |
| | TED Talk 1.9 | TED Talk 2.9 | TED Talk 3.9 |
| | TED Talk 1.10 | TED Talk 2.10 | TED Talk 3.10 |
| 15 00 - 15 15 | Q & A | Q & A | Q & A |
| 15 15 - 15 30 | Outcomes and Recommendations - Dr Ravhee Bholah, MIE and Mrs Joann Davenia Permall, MIE | | |
| 15 30 - 15 40 | Concluding Remarks - Mrs Mila Devi Sewruttun-Dosieah, Director, MIE | | |



LECTURE THEATRE 1, UOM, RÉDUIT

13 00 – 15 00

[10 presentation of 10 minutes each]

| TALK | AUTHOR | TITLE |
|---------------|---|---|
| TED Talk 1.1 | Freeson Kaniwa | Teaching Machines to Think for Africa: AI-Driven Solutions for Inclusive Education and Human Development |
| TED Talk 1.2 | Khemduth Singh Angateeah | Integrating AI into GeoGebra: A Novel Design for Supporting Learning of Mathematics |
| TED Talk 1.3 | Karel Veerabdren, Mrinal Sharma | Stepping Inside the Investigation: Gamified, Experiential Learning in Digital Forensics |
| TED Talk 1.4 | Yashwantrao Ramma, Ajeevsing Bhooloa, Khemanand Moheeput | Teaching and Learning Science (Biology, Chemistry and Physics) within an Integrated Mode, Mediated by the Pedagogical Technological Integrated Medium (PTIM) at Grade 9 |
| TED Talk 1.5 | Sumera Bibi Keenoo, Mohamed Al-Eraky | Humanity Is Not a Competency: What AI Cannot Teach Future Doctors |
| TED Talk 1.6 | Ajeevsing Bhooloa, Ajay Ramful, Savila Thapermall- Ramasawmy | Advancing Mathematics Teaching in the Age of Generative AI: Evidence from a Replicated Capacity-Building Intervention with Mathematics Educators |
| TED Talk 1.7 | Joseph Essèmou-Abalè Kossi Assogbavi, Rajendra Parsad Gunpath, Desire Gael Henriette-Bolli | Artificial Intelligence in Education and the Future of Skills: Implications for Sustainable Employability in Emerging Economies |
| TED Talk 1.8 | Samaira Tulsidas | The Classroom That Learns You: AI-Powered Personalized Education for Every Student |
| TED Talk 1.9 | Kennedy Modugu | Less Policing, More Design: Rethinking Assessment in the Age of AI |
| TED Talk 1.10 | Steven Ludovic Mootooveeren Mootoocurpen, G Bahadur | Reimagining Mathematics Education in the Age of AI: Advancing Equity through Culturally Responsive Learning |



LECTURE THEATRE 2, UOM, RÉDUIT

13 00 – 15 00

[10 presentation of 10 minutes each]

| TALK | AUTHOR | TITLE |
|---------------|---|---|
| TED Talk 2.1 | Rajshree Beneymadoo | Ren (Benevolence) and Li (Ritual Propriety): Foundations for Ethical Leadership and Social Harmony |
| TED Talk 2.2 | Zareen Nishaat Beebeejaun-Muslum | Human Development and Social Cohesion: Education as a Catalyst for Gender Equity and Wellbeing |
| TED Talk 2.3 | Kewal Nayeck | Panchatantra's Wisdom: Pathways to Human Development, Well-being, and Social Cohesion |
| TED Talk 2.4 | Fiona Grant | Better together: Understanding social exclusion and psychological wellbeing in Mauritius |
| TED Talk 2.5 | Muhammad Aadeel Toofany, Sabina Jhaumeer Laulloo | Illicit Heroin Profiling- Trends in Mauritius and development of analytical techniques for Intelligence purposes |
| TED Talk 2.6 | Anil Kumar Adjodha, Shakeel Mohammad Cassam Atchia | Towards developing a conceptual framework to understand collaborative relationships and network ties of teacher counsellors in school-based counselling |
| TED Talk 2.7 | S Ramsamy Goomany, J Mookan, B Surroop | Holistic Tertiary Education: A Case Study of Sustainable Blended Learning in Mauritius |
| TED Talk 2.8 | Ona (JM) Janse van Rensburg | Well-being of teachers as an investment into the future of education: A case study |
| TED Talk 2.9 | Toolsee Mudalli, Vinayagum Chinapah, Shakeel Mohammad Cassam Atchia | Activating the Feedback Cascade: Relational Leadership and Collective Teacher Efficacy in Mauritian State Secondary Schools |
| TED Talk 2.10 | Andy Markwick, Amy Strachan | Reframing Our Place in Nature: From Anthropocentrism to Ecological Belonging |



ROOM G1, UOM, RÉDUIT

13 00 – 15 00

[10 presentation of 10 minutes each]

| TALK | AUTHOR | TITLE |
|---------------|---|---|
| TED Talk 3.1 | Roshan Boodnah | "Mauritianism": Myth, Reality or Possibility? Rethinking National Identity for Sustainable Peace |
| TED Talk 3.2 | Leenshya Gunnoo | International Student Mobility in Small Island Developing States: Challenges within the Mauritian Higher Education Context |
| TED Talk 3.3 | Ajit Joyekurrun | AI Hallucinations Reach the Courts. A Warning to Legal Practitioners? The UK and Mauritius Perspective? |
| TED Talk 3.4 | Shakeel Mohammad Cassam Atchia, Anwar Bhai Rumjaun, Vanesha Lutchmanen Seeneyen | Igniting Science Pathways Through Integrated STEAM |
| TED Talk 3.5 | Aman Kumar Maulloo, Prakash Jhugaroo, Bhamini Kamudu-Applasawmy | From Tangible Assets to Intangible Impact: Two Decades of STEM Advocacy at the Rajiv Gandhi Science Centre |
| TED Talk 3.6 | Sumera Bibi Keenoo, Veer Prabhakar Choollun | We Are Training Doctors to Ignore What Matters Most |
| TED Talk 3.7 | Mark Price | Facilitating Transformational Learning through Relational Pedagogy |
| TED Talk 3.8 | Marie Karine Melissa Sooklall, Ved Munbodh, Dayawatee Goburdhun | The Human-Machine Harmony: Engineering the Future of Sustainable Production |
| TED Talk 3.9 | Hema Ramnarain Ayrga, Roslyn S. Fraser, Stephen F. Austin | Beyond Finance: Revealing the social and institutional challenges faced by women entrepreneurs in Mauritius |
| TED Talk 3.10 | Vandana Sunnasy, Ajit Joykurrun | Artificial Intelligence in Commercial Arbitration: Connecting Technology, Business, and Society for a More Efficient and Fair Process |



Biography of Keynote Speaker

Dr Nico Pizzolato is Associate Professor of Global Labour Studies and Director of Postgraduate Research at Middlesex University, London. His research is situated at the intersection between history, social theory and labour and management studies. Most of his work touches on the following themes: labour migration and social movements, unfree and coerced labour in advanced capitalism, social policy in the age of Fordism, workplace democracy, and critical pedagogy. He is the author of *Challenging Global Capitalism: Labor Migration, Radical Struggle, and Urban Change in Detroit and Turin* (Palgrave, 2013) and the co-editor of the book *Gramsci: A Pedagogy to Change the World* (Springer, 2017) and over 30 peer-reviewed articles. He has a strong interest in researcher development and in writing for professional and academic practice. In 2024, he co-convened *Researching and Writing at the Crossroads*.



Middlesex
University
London

NATIONAL RESEARCH WEEK 2026

ORGANISING TEAM

Dr R Bholah, MIE

Dr A B Rumjaun, MIE

Dr L Pheiffer, QAA

Dr A Moorgawa, HEC

Dr J Chemen, MGI

Dr N Sadeer, HEC

Dr (Ms) B Kamudu-Applawmy, RGSC

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