

HYBRID CONFERENCE DRAFT PROGRAM
49th INTERNATIONAL CONFERENCE ON IMPROVING UNIVERSITY
TEACHING,
JULY 12-14, 2023

In Collaboration with
HERIOT-WATT UNIVERSITY MALAYSIA, PUTRAJAYA, MALAYSIA

CONFERENCE THEME: *SUSTAINING ACADEMIC RESILIENCE*

DAY ONE: WEDNESDAY, 12 JULY

ASIA/AUSTRALIA FOCUS

CONFERENCE OPENING: 1:15-3:00, UCT Time

1:15 Welcome to the Heriot-Watt Malaysia Campus. Martha Caddell (Heriot-Watt University, Malaysia)

1:20: Opening Remarks. Jim Wilkinson, President, IUT (Harvard University, USA)

1:30: Keynote 1: Title TBA. Mushtak Al-Atabi, Provost (Heriot-Watt University, Malaysia)

2:00: Keynote 1 Discussion

3:00: COFFEE BREAK (30 minutes)

CONCURRENT PAPER SESSIONS 1 & 2

3:30: PAPER SESSION 1: EDUCATIONAL TECHNOLOGY POST-COVID

3:30: Creating a Massive Open Online Course (MOOC): Sharing Our Experience from Start to Finish. Aaron Danner (National University of Singapore)

4:00: Converting Crisis into Opportunities. Rohit Panday & Prabhat Koirala (Islington College, Nepal)

4:30: “Post-Pandemic” Enhancements in Technology-Enhanced Learning: The Paradox of the Pandemic and Productivity. Mark Schofield (Edge Hill University, UK)

5:00: Paper Session 1 Discussion

3:30: PAPER SESSION 2: SUSTAINABILITY IN THE CURRICULUM

3:30: Planetary Boundaries: Embodiment of Sustainability in Accounting Education. David Ong & Ricky Wong (Heriot-Watt University, Malaysia)

4:00: Connecting the Dots: From Academic Literacies to Professional Communication to Facilitate Communicative Competence in Graduates. Radhika Jaidev (Singapore Institute of Technology, Singapore)

4:30: Transforming Energy Education: Exploring the Impact of a Tri-Campus Online Microcredential in Advancing Decentralization, Decarbonization, and Digitalization. Yew Wen Kean (Heriot-Watt University, Malaysia)

5:00: Paper Session 2 Discussion

5:30: LUNCH BREAK (60 minutes)

6:30 Workshop 1: Providing Hands-On Student Activities to Learn How to Create a Theoretical Framework and Offer Practice in Qualitative Data Collection. Ron Salden (Heriot-Watt University, Malaysia)

Workshop 2: The Future of Learning and Assessment in the AI Era. Catherine Hack (InstitutionAdvance HE, UK)

8:00 BREAK (30 minutes)

EUROPE/MIDDLE EAST/SOUTH AFRICA FOCUS

CONFERENCE OPENING: 8:30-10:40, UCT Time

8:30: Welcome: Heriot-Watt University Malaysia

8:35: Opening Remarks: Jim Wilkinson, President, IUT (Harvard University, USA)

8:45: Keynote 2: TBA

9:45: Keynote 2: Discussion

10:15: BREAK (15 minutes)

10:30: Roundtable 1: Teaching for Life, Not for Grades. Lucie Viktorovná (Palacky University Olomouc, Czech Republic) and Alexandra Lehmann (Protestant University of Applied Sciences Rhineland-Westphalia-Lippe, Germany)

11:30: BREAK (30 minutes)

PAPER SESSION 3: 12:00-14:00: PROMOTING STUDENT AND TEACHER WELLBEING

12:00: Higher Degree Research (HDR): Student Wellbeing Is Broader than Just Mental Health. Karen Alexander (Heriot-Watt University, UK)

12:30: Relationships between Personal Resilience Components and Motivation in Teaching Components Among Israeli Arab Novice Teachers. Waleed Dallasheh, Ihab Zubeidat, Abed El-Rahman Khalil, & Sehrab Masri (Sakhnin College, Israel)

13:00: Hodges' Model: Insights into Sustainability and Resilience. Peter Jones (NHS Professionals & Mersey Care, UK)

13:30: Papers 3 Discussion

14:00: BREAK (30 minutes)

14:30: PAPER SESSION 4: SUSTAINABILITY IN THE CURRICULUM: 14:30-16:00

14:30: Environmental Sustainability Projects: A Welcome Addition to Our Final Year ("Capstone") Projects. Maggie Fostier & Ruth Grady (University of Manchester, UK)

15:00: Undergraduate Final-Year Projects in the National Open University of Nigeria's Faculty of Health Sciences. Helen Kwanashie, George Ani, Ihuoma Ubosi, & Elizabeth Joseph-Shehu (National Open University of Nigeria)

15:30: Paper 4 Discussion

16:00 BREAK (30 minutes)

UNITED STATES / CANADA FOCUS

CONFERENCE OPENING: 16:30-18:15, UCT Time

16:30: Welcome to the Conference: Heriot-Watt University, Malaysia

16:35: Opening Remarks: Jim Wilkinson, President, IUT (Harvard University, USA)

16:45: Keynote 3: TBA

17:45: Keynote 3 Discussion

18:15: BREAK (15 minutes)

18:30: Roundtable 2: Collaborative Team teaching: Blessing or Burden for Faculty? Olga Hilar (St. John's University, USA)

19:30: BREAK (30 minutes)

20:00: PAPERS 5: LEARNING FROM FAILURE: 20:00-22:00

20:00: Mastery Learning: An Alternative Strategy for Assessment and Feedback in a First-Year Biology Class. Karen Smith (University of British Columbia, Canada)

20:30: Building Block Assignments to Support a Successful Final Project. Peggy Rosario (Gwynedd Mercy University, USA)

21:00: Independent/Self-Directed Learning and the Role of Feedback: A Synthesis of the Learning Sciences Literature. Heather Kanuka (University of Alberta, Canada)

21:30: Papers 5 Discussion

22:00: END DAY ONE

DAY TWO: THURSDAY, JULY 13

ASIA/AUSTRALIA FOCUS

1:00: Daily Announcements

CONCURRENT PAPER SESSIONS 6 & 7

PAPER SESSION 6: PROMOTING STUDENT AND TEACHER WELLBEING

1:15: Strengthening the Learning Community: Enhancing the International Student Experience. Siok Inn Tan (Heriot-Watt University, Malaysia)

1:45: Exploring the Use of Informal and Formal Learning Spaces at Heriot-Watt Dubai New Campus. James Wilson (Heriot-Watt University, Dubai)

2:15: Chasing Happiness: A Barrier to Student Satisfaction? Doug Specht (University of Westminster, UK)

2:45: Paper Session 6 Discussion

CONCURRENT ROUNDTABLE SESSIONS 2 & 3

1:15: Roundtable 3: Embedding Equality, Diversity, and Inclusion into All Learning Opportunities: Looking through a Malaysian Lens. (Deborah Hall, Anna Sedda, Joel Yap, & Ron Salden (Heriot-Watt University, Malaysia)

2:15: Roundtable 4: From Oilfield to Land-Fill: Developing Sustainability Competencies through Interdisciplinary Learning. Catherine Hack (InstitutionAdvance HE, UK)

3:15: COFFEE BREAK (30 minutes)

CONCURRENT WORKSHOPS 3 & 4

3:45: Workshop 3: Assessments for Promoting Learning through Knowledge Construction. Edward Kurwakumire (Tshwane University of Technology, South Africa)

3:45: Workshop 4: Enhancing Agentic Student Feedback. (Willie McGuire, University of Glasgow, UK)

5:15: LUNCH BREAK (60 Minutes)

CONCURRENT PAPER SESSIONS 7 & 8

6:15: PAPER SESSION 7: ASSESSMENT: EXPECTATIONS AND CONSEQUENCES

6:15: Effectiveness of Assessment: Exemplars in a Business Management Course. Andrew Lee (Heriot-Watt University, Malaysia)

6:45: Blog by Blog: Building Academic Writing and Resilience in the First Year. Julie Rattray, Michaela Oliver, & Kimitra Kokotsaki (Durham University, UK)

7:15: Paper Session 7 Discussion

6:15: PAPER SESSION 8: PROMOTING STUDENT AND TEACHER WELLBEING

6:15: Technostress and Wellbeing in Higher Education. Kenneth Leow, Serena Leow, & Evelyn Mei Lin Wong (Heriot-Watt University, Malaysia)

6:45: A Fully Online Flipped Class Framework Implementation for Teaching a Petroleum Engineering Core Subject. Mysara Eisse Moyaldin & Mohammed Ali Hamid. (Petronas University of Technology, Malaysia).

7:15: Paper Session 8 Discussion

7:45: COFFEE BREAK (30 Minutes)

8:15: Roundtable 5: The Attitudes and Perceptions of Saudi Graduate Students Toward Public Health Programs in the United States. Deema Saad Al Shawan (Abdulrahman Bin Faisal University, Saudi Arabia)

8:15: Roundtable 6: Can Online STEM Courses Survive in a Face-to-Face World? Thomas Wong (Heriot-Watt University, UK) & Kai Lin Ong (Heriot-Watt University, Malaysia)

EUROPE / MIDDLE EAST / SOUTH AFRICA FOCUS

8:00: Announcements

8:15: Roundtable 7: Fostering Community and Belonging in Global Learning and Teaching. Rosemary McIlwhan, Hagir Hakim, & Manjula Nair (Heriot-Watt University, UK)

9:15: Workshop 5: The Importance of Induction in Online International Programs. Mari Cruz Garcia Vallejo (Independent Digital Education Consultant, UK), James Igoe (Heriot-Watt Online), & Roddy Munro (Heriot-Watt Online)

10:15: BREAK (30 minutes)

10:45: PAPER SESSION 9: EDUCATIONAL TECHNOLOGY POST-COVID: 10:45-12:45

10:45: Teachers' Psychological Resilience, Self-Efficacy, and Coping Strategies During COVID-19. Sehrab Masri, Ihab Zubeidat, & Waleed Dallasheh (Sakhnin College, Israel)

11:15: Flipping with a Twist: How to Make Asynchronous Lectures Interactive. Marcus Pedersen (University College London, UK).

11:45: What Have We Learned About Online Teaching and Learning from the Pandemic? An International Perspective. Katherine Mansfield & Julio Gimenez (University of Westminster, UK)

12:15 Papers Session 9 Discussion

12:45: BREAK (30 minutes)

13:15: PAPER SESSION 10: LEARNING FROM FAILURE: 13:15-14:45

13:15: Collaborative Self-Study with Pre-Service Teachers to Improve the Teaching of Science. Adiv Gal (Kibbutzim College of Education, Technology, and the Arts, Israel)

13:45: Support in the Transition from Theory to Practice in Engineering Design. Marina Menshykova & Oleksandr Menshykov (University of Aberdeen, UK)

14:15: Paper Session 10 Discussion

14:45: BREAK (15 Minutes)

15:00: Roundtable 8: Assessment of Graduate Attributes: Great Expectations but Bleak Consequences? Heather May Morgan (University of Aberdeen, UK)

UNITED STATES / CANADA FOCUS

16:00: Daily Announcements

16:15: Roundtable 9: Sustainability in the Humanities. Jim Wilkinson (Harvard University, USA)

17:15: BREAK (30 minutes)

18:15: PAPER SESSION 11: EDUCATIONAL TECHNOLOGY FOR POST-COVID CLASSROOMS: 17:45-19:15

17:45: The State of Online Exam Proctoring: Exam Integrity, Anxiety, and Opportunities. Daniel Woldeab & Thomas Brothen (Metro State University, USA)

18:15: Sustainability in the Curriculum: Focusing on Sustainability Serves Two Crucial Educational Goals. Larry Riggs (Butler University, USA) & Sandra Hellyer-Riggs (Indiana University, USA)

18:45: Paper Session 10 Discussion

19:15: END OF DAY TWO

DAY THREE: FRIDAY, JULY 14

ASIA / AUSTRALIA FOCUS

1:00: Daily Announcements

CONCURRENT ROUNDTABLE SESSIONS 10 & 11

1:15: Roundtable 10: Rising Expectations for Mental Health Support: Conversations About Faculty Mental Health and Workload Creep. Noela Haughton (University of Toledo, USA)

1:15: Roundtable 11: Using Exit Surveys for Program Improvement in teacher Education. Marcella Kehus (University of Toledo, USA)

2:15: COFFEE BREAK and Poster Session (45 minutes)

CONCURRENT PAPER SESSIONS 12 & 13

3:00: PAPER SESSION 12: ASSESSMENT: EXPECTATIONS AND CONSEQUENCES

3:00: Implementation of Introductory Hardware Programming Workshops to Enhance Skills on Automation among Mechanical Engineering Students. (Riady Siswoyo & Noor Shieela Kalib (Heriot-Watt University, Malaysia)

3:30: AI and the Death of Higher Education? Denitsa Petrovna (Edinburgh College of Art, UK) and Doug Specht (Westminster University, UK).

4:00: We Need to Talk about ChatGPT. Anne Tierney (Heriot-Watt University, UK)

4:30: Paper Session 12 Discussion

3:00: PAPER SESSION 13: PROMOTING STUDENT AND TEACHER WELLBEING

3:00: “Sustaining Academic Resilience”: Promoting Student and Teacher Wellbeing in the Arts. Blake Riley & Hedi Salanki-Rubardt (University of West Florida, USA)

3:30: How to Develop a WELCOMING Team: Communication, Respect, and Sharing as Key Ingredients. Anna Sedda (Heriot-Watt University, Malaysia)

4:00: Building Indigenous Graduate Attributes into Courses: Using an Indigenous Pedagogical Framework. Greg Auhl & Annette Gainsford (University of Technology Sydney, Australia)

4:30: Paper Session 13 Discussion

5:00: LUNCH (60 minutes)

CONCURRENT SESSIONS: 6:00-7:30

6:00: Workshop 6: Build Your Own Teaching Team: A Practical workshop exploring Collaboration, Leadership, and Wellbeing. Martha Caddell (Heriot-Watt University, Malaysia)

6:00: PAPER SESSION 14: LEARNING FROM FAILURE: 6:00-7:30

6:00: Knowledge, Attitude, and Practices of Technology-Enhanced Flexible Learning in Philippine Higher Education Institutions during the COVID-19 Pandemic. Dave Marcial (Silliman University, Philippines)

6:30: Improving Students’ Feedback on Learning and Teaching Effectiveness in an Effective Learning Framework in Higher Education. Leyla Ranjbari (Heriot-Watt University, Malaysia)

7:00: Paper Session 14 Discussion

7:30: Closing Keynote (TBA)

8:30: Closing Keynote Discussion

9:00: Concluding Remarks. Jim Wilkinson (Harvard University, USA)

EUROPE / MIDDLE EAST / SOUTH AFRICA FOCUS

9:30: Announcements

9:45: PAPER SESSION 15: EDUCATIONAL TECHNOLOGY POST-COVID: 9:45-11:45

9:45: Perfecting* Practical Pandemic Pedagogy (*Possibly). Nigel Francis (Cardiff University, UK)

10:15: Innovation through Technology: The ALab Innovators Project. Christina Gitsaki (Zayed University, United Arab Emirates)

10:45: Developing Peer-to-Peer Feedback and Digital Skills in Formative Assessment Using OneNote. Patricia Perlman-Dee (University of Manchester, UK)

11:15: The Role of Assessment in Promoting Student Engagement and Learning in Higher Education. Sarah Kolajo (University of Kent, UK)

11:45: Paper Session 15 Discussion

12:15: BREAK (30 minutes)

12:45: PAPER SESSION 16: BEST RECENT RESEARCH ON RESILIENCE / SUSTAINABILITY IN THE CURRICULUM: 12:45-15:15

12:45: Self-Care among Students and Teachers in Some Selected Universities in Nigeria and the United Kingdom. Helen Kwanashie (National Open University of Nigeria) & Michael Kwanashie (Veritas University, Nigeria)

13:15: Tracing the Ripples: Evaluating the Wider Impact of Small Institutional Enhancement Projects. Robert Daley, (Heriot-Watt University, UK)

13:45: Exploring the Relationship between Work-Based Learners' Exhibited Goal-Setting Capability and Goal Attainment. Florian Scheuring (Heriot-Watt University, UK)

14:15: This Is Me: Narrative Accounts of Postgraduate Learning Journeys. Elizabeth Black (University of Glasgow, UK)

14:45: Paper Session 16 Discussion

15:15: BREAK (30 minutes)

15:45: Concluding Remarks. Jim Wilkinson (Harvard University, USA)

UNITED STATES / CANADA FOCUS

16:15: Daily Announcements

16:30: Workshop 7: Entrepreneurial Mindset for Engineering (Technology) Education: A Starter Kit. Carmen Cioc, Sorin Cioc, & Noela Haughton (University of Toledo, USA).

17:30 PAPER SESSION 16: LEARNING FROM FAILURE / PROMOTING STUDENT AND TEACHER WELLBEING: 17:30-19:30

17:30: Identifying Students' Capacity to Overcome Academic Adversity. Tina Caliendo (St. John's University, USA)

18:00: Second Chance Opportunities for Student / Intern Teacher Candidates to Convert from Failure to Success (Clifford Tyler, National University, USA)

18:30: Exploring Relevance of Course Material as a Motivational Tool for Learning. Michelle Schmidt (Moravian University, USA)

19:00: Epistemology and Successful University Mathematics and Science Teaching and Learning. Don Faust (Northern Michigan University, USA)

19:30: Paper Session 16 Discussion

20:00: Concluding Remarks (Jim Wilkinson, Harvard University, USA)

20:00: END OF DAY THREE & END OF THE CONFERENCE