



**Call for papers, practice case studies, workshops and doctoral  
symposium Society 5.0 2024**

## **Innovation for Sustainable and Inclusive Social Good**

**4th Conference - 26th-28th June 2024**

**Venue: University of Technology, Mauritius**

**<https://www.conference-society5.org/>**

"We are One Earth, One Family, and We share One Future." We are living in an era with technologies available for software, hardware and data interconnectedness that are, and will, dictate the agenda for the future creating both challenges and opportunities for the society. No doubt, words echoed in the New Delhi G20 Summit like the need for creating a more inclusive world, driving gender-inclusive climate action, bridging the gender digital divide, harnessing Artificial Intelligence responsibly for the good and for all have set the agenda rolling. We are at a juncture in history where the decisions we make now will determine the future of our people and our planet. Together we have an opportunity to build a better future. We have to pursue development models that implement sustainable, inclusive and just transitions globally, while leaving no one behind. Improving access to digital services and digital public infrastructure, and leveraging digital transformation opportunities to boost sustainable and inclusive growth may have to dictate the agenda for innovation so that we can promote sustainable, healthy, safe and gainful employment. Innovations for sustainable and inclusive social good are essential for addressing the complex challenges facing our world and building a more equitable and environmentally responsible future. This conference provides the opportunity to make a meaningful contribution to a Society 5.0 in the making, encompassing the broad themes as listed below.

## Conference and Research Tracks

All research submissions will go through a double-blind review process conducted by an international review panel. Your submission will be assessed anonymously by at least two reviewers and managed by the track chairs and program committee. Practice track submissions will be handled by the conference chairs.

Full paper submissions must be at most 12 pages.

Proceedings with all accepted full papers will be available online on the Society 5.0 website. It is planned (awaiting approval) that a selection of accepted **full papers** will appear in a volume of the Springer series ([Communications in Computer and Information Science – CCIS](#)). Please ensure that your full paper adheres to the required Springer format and submit the pdf version for review in EasyChair. An option for open access, at an additional cost, will be available to authors.

### NOTES ON THE SUBMISSION FORMAT:

In complying with Springer publication guidelines, manuscripts may be submitted through a plagiarism-checking tool, following both submissions for review and the arrival of the files at Springer. Please see the Springer website for more information.

Detailed submission information and guidelines will be posted on the conference website <https://www.conference-society5.org/>. All manuscripts must be formatted using [Springer Style Files and Templates](#) in Word. Only submissions made in these formats will be considered for review.

Authors will be required to submit a signed Consent to Publish form, through which the copyright of their paper is transferred to Springer. The conference website will provide a link to the form and instructions.

The research track covers themes across all Society 5.0 research fields. The following table covers the main themes with examples for related topics.

<b>Society 5.0</b> <ul style="list-style-type: none"> <li>• Society 5.0 research agenda</li> <li>• Society 5.0 challenges and opportunities</li> <li>• Human-centred society</li> <li>• Drivers and enablers for transformation</li> <li>• Human skills in Society 5.0</li> <li>• New Leadership</li> <li>• Civil Society</li> <li>• Environmental Sustainability</li> <li>• Inclusiveness of people with disabilities</li> <li>• Decent work</li> </ul>	<b>Business Information Systems</b> <ul style="list-style-type: none"> <li>• Cyber-Physical Systems</li> <li>• Internet of Things</li> <li>• Digital Twins</li> <li>• Digitalization of Business Processes</li> <li>• Conceptual Modelling</li> <li>• AI and Machine Learning</li> <li>• Blockchain Technologies</li> </ul>	<b>Business (Innovation) &amp; Entrepreneurship</b> <ul style="list-style-type: none"> <li>• Business integration strategy</li> <li>• Digitalization of Products</li> <li>• Emerging markets</li> <li>• Human capital</li> <li>• Business agility</li> <li>• Digital transformation</li> <li>• Circular economy</li> <li>• Technopreneurship</li> </ul>
<b>Diversity</b> <ul style="list-style-type: none"> <li>• Gendering of skills</li> <li>• Stereotypes (age, gender, (dis)abilities)</li> <li>• Accessibility of technologies across borders (countries, societal levels, disciplines)</li> </ul>	<b>Education</b> <ul style="list-style-type: none"> <li>• Collaborative Online International Learning (COIL)</li> <li>• Creative teaching</li> <li>• Cross-cultural teaching and learning</li> </ul>	<b>Innovation in the Digital Age</b> <ul style="list-style-type: none"> <li>• Open innovation</li> <li>• Big Data analysis</li> <li>• Innovation development</li> <li>• Online collaboration for design and in-novation</li> <li>• Knowledge visualization</li> <li>• knowledge management</li> </ul>

<ul style="list-style-type: none"> <li>• Inequality in software development</li> <li>• Democratization in technological development</li> <li>• Economic Development</li> </ul>	<ul style="list-style-type: none"> <li>• Institutional structures for education</li> <li>• New learning methods</li> </ul>	
<b>Healthcare and Care Systems</b> <ul style="list-style-type: none"> <li>• AI for drug development</li> <li>• Personalized medicine</li> <li>• Electronic patient records</li> <li>• Care robots, therapy robots</li> <li>• Health &amp; Wellbeing</li> </ul>	<b>Information Security</b> <ul style="list-style-type: none"> <li>• Cyber security and resilience</li> <li>• Data privacy</li> <li>• Risk management</li> <li>• Business continuity management</li> <li>• Whistleblowing</li> </ul>	<b>Mobility</b> <ul style="list-style-type: none"> <li>• Autonomous driving</li> <li>• Mobility as a Service</li> <li>• Smart City</li> </ul>
<b>Human-System Interaction Scenarios</b> <ul style="list-style-type: none"> <li>• Collaboration between human and AI</li> <li>• Automating knowledge work</li> <li>• Conversational AI</li> <li>• Resilient socio-technical systems</li> <li>• Social robots</li> <li>• Human-interpretable and machine-interpretable modelling</li> </ul>	<b>Fintech</b> <ul style="list-style-type: none"> <li>• Future banking</li> <li>• Sustainable finance</li> <li>• Digital financial management</li> <li>• Cryptocurrency</li> </ul>	<b>International Collaboration</b> <ul style="list-style-type: none"> <li>• Cultural differences in business</li> <li>• Cross-cultural communication and trust</li> <li>• Collaboration across borders, cultures, and languages</li> <li>• Digital Supply Chain</li> <li>• Public</li> </ul>

Papers should be submitted at <https://easychair.org/conferences/?conf=society502024> in PDF (in English), by the deadline date.

## Practice Track

The Practice Track of the Society 5.0 conference provides an opportunity to share a practical experience through a paper and an accompanying talk. Submissions can be practice reports or case descriptions. A practice report is a reflection of industry experiences including challenges seen, approaches taken – and what worked or did not work. Cases describe problems or challenges of organizations (private or public), relate them to the wider domain of Society 5.0, and provide useful insights to practitioners and scholars. Submissions to the Practice Track will be peer-reviewed.

Proposals should be submitted at <https://easychair.org/conferences/?conf=society502024> in PDF (in English), by the deadline date.

## Workshops

Workshops should focus on a specific scientific subjects relate to the scope of Society 5.0 2024. The selection of workshops will be made by Society 5.0 2024 Conference/Technical Chairs. Society 5.0 organizers reserve the right to cancel any workshop if deadlines are missed or if the number of registered attendees is too low to support the costs associated with the workshop. Workshop proposals should contain the following information:

- Workshop title;
- Name, surname, affiliation and email address of facilitators;
- Reasons the Workshop should be held within Society 5.0;

- Brief description of the specific scientific scope of the Workshop, as well as facilitation process / method;
- List of keywords of interest (max 6);

#### **IMPORTANT WORKSHOPS DATES**

1. Workshops Proposal Deadline: 1 March, 2024
2. Workshops Proposal Notifications: 1 April, 2024
3. Workshops Date: 26 June 2024

Proposals should be submitted at <https://easychair.org/conferences/?conf=society502024> in PDF (in English), by the deadline date. Please select the “Workshops” track.

### **Doctoral Symposium**

We invite doctoral students doing research in the Society 5.0 domains to submit a summary of their research for the doctoral symposium, to be held in conjunction with Society 5.0 2024.

#### **IMPORTANT DOCTORAL SYMPOSIUM DATES**

1. Doctoral Symposium Application Deadline: 3 March, 2024
2. Doctoral Symposium Notifications: 1 April, 2024
3. Doctoral Symposium Date: 26 June 2024

#### **SUBMISSION AND REVIEW PROCESS**

Submissions must not exceed four A4 single-spaced pages and 12 point Times New Roman font.

**NOTE THAT THE SYSTEM WILL BE AVAILABLE FOR** Doctoral Symposium submissions after February 1, 2024.

Your submission must clearly state:

1. Background of the research
2. Specific research problem being examined
3. Methodological approach used
4. Description of the artifact
5. Summary of work done to date
6. Expected contribution of the work
7. A plan to assure research transparency of your work
8. Specific issues related to doctoral research that you would like to discuss at the consortium

Submissions will be reviewed by the doctoral consortium chairs and faculty mentors and a set of submissions will be accepted for presentation at the consortium. Submissions should be in PDF format and submitted via EasyChair <https://easychair.org/conferences/?conf=society502024>. Please select the “Doctoral Symposium” track.

### **Society 5.0 2024 Important Dates**

- Deadline for Workshop, Doctoral Symposium and Practice track submissions: 3 March 2024
- Deadline for full research paper abstract submissions: 3 March 2024
  - *Abstract submissions are not compulsory; however we want to strongly encourage you to submit an abstract so that the paper bidding process can commence.*
- Deadline for full research paper submissions: 18 March 2024

- *Please note that Society 5.0 is not an abstract conference and we require a full submission for the review process.*
- Notification of workshop, doctoral symposium and practice case study acceptances: 31 March 2024
- Notification of full research paper acceptances: 29 April 2024
- Camera-ready paper submissions: 6 May 2024
- Springer ready paper submissions: 13 May 2024
- 4<sup>th</sup> Society 5.0 2024 Workshops and Doctoral Symposium: 26 June 2024
- 4<sup>th</sup> Society 5.0 2024 Conference: 27 to 28 June 2024

For more information, please visit the Society 5.0 website at <https://www.conference-society5.org/home> or email the Conference Secretariat at [society5.0\\_2024@utm.ac.mu](mailto:society5.0_2024@utm.ac.mu)

On behalf of the conference chairs



Prof Kesseven Padachi



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA



Prof Hanlie Smuts