

## Inn4Mech 2021 - Call for Speakers

The 2021 Inn4mech — Innovation for Mechatronics — will focus on **Off-Highway Machine R-evolution** intended as "Off-Highway machines and systems, subsystems, components that optimize the machine functionality, usability, circularity of life cycle, environmental sustainability, safety, etc."

The Conference will bring together engineers, researchers, operations managers of SMEs and large companies in the Off-Highway field.

Polo Meccatronica, in Rovereto, will host the conference on July 8–9, 2021.

The attendees will enjoy the opportunity to see the best research and technology novelties in all areas of Off Highway machines. The conference will develop as follows:

- Day I: 2 plenaries, alternating with a couple of double-track workshops (workshops A in parallel with workshop B; workshops C in parallel with workshop D);
- Day II: 2 plenaries, interspersed with a double-track event (workshop E in parallel with technologies demo showcase F).

Workshops will be addressed to the following topics:

- Green Machines
- New Materials and Processes
- Smart Machines
- Smart Technologies
- Open Innovation

Plenary 1 Day I	
Workshop A	Workshop B
Plenary 2 Day I	
Workshop C	Workshop B

Plenary 1 Day II	
Workshop E	Demo Sowcase F
Plenary 2 Day II	

The program will include invited talks as well as a showcase of technology solutions presentations by means of startups and industry.

The present Call for presentations is addressed to:

- Academy/R&D centers representatives (researchers, professors, etc.);
- Industry representatives;
- Startup representatives.

Presentations shall target the Off-Highway Machine sector with focus on:

- Research results, perspectives,
- Innovative/cutting edge technologies, industrial solutions,
- Industrial best practices, specifically targeting the, as well as:
- Corporate, tech startups novelties (technologies, solutions) of different areas/domains enabling, cross fertilizing the Off-Highway Machine sector in an open innovation perspective.

Novelties related to item IV. will be presented in workshop E and demonstrated in the demo showcase session F, organised in parallel to the workshop.

### **Important Dates**

- Final Submission Deadline: *1 March 2021 AoE (Anywhere on Earth: 12 CET)*
- Acceptance Notification: *13 April 2021*
- Inn4Mech 2021 Conference: *July 8-9, 2021*

### **Contributed Presentations**

Inn4Mech 2021 will cover both the "Science" and the "Technologies/Solutions" of the Off-Highway sector. It is actively seeking submissions in areas not "traditionally" represented.

Presentations containing original and unpublished works are solicited in all areas of Off Highway Systems, in particular (but not limited to) the following ones:

1. Green Machines: Efficiency improvements, Electrification, Infrastructure
2. New Materials and Processes: Sensors and Actuators, Futuristic materials, Additive manufacturing.
3. Smart Machines: Precision farming, Autonomous driving, Infrastructure (e.g. Digital farm/mine).
4. Smart Technologies: Predictive Maintenance, Sensors and Actuators, Automation, Big Data & IoT.
5. Open Innovation: other technologies/novelties (from different domains, that can fertilize the Off Highway sector).

Presentations belonging to category E. shall be related to a speech in workshop E and a parallel demonstration of the technology/novelty in demo showcase F. Presentations belonging to categories A., B., C., D. shall be related to a speech in the homonym workshop.

Extended Abstracts may be up to 6.000 characters (spaces included) in length, excluding references. The Abstracts must be presented by filling in the online form at <https://agora.trentinosviluppo.it>.

After the acceptance of the Extended Abstract by the Technical and Scientific Committee of Inn4Mech 2021, the submitters will be invited to submit their presentation (which shall include the Inn4Mech logo in the front slide).

Submissions that are identical (or substantially similar) to versions that have been previously published, or accepted for publication, or that have been submitted in parallel to other conferences are not appropriate for Inn4Mech 2021 and violate our double submission policy.

Extended Abstracts will be evaluated in terms of their technical quality, novelty, relevance in respect of the Conference topics, potential impact, and clarity. All Extended Abstracts accepted for the presentation at the conference will be published in the following online proceedings.

### **Extended Abstract Submission**

- Browse to Agora platform at <https://agora.trentinosviluppo.it> in order to fill in the online submission form.
- When logging in <https://agora.trentinosviluppo.it> for the first time, if you have never used Agora, you will be guided through a registration process in which you enter your contact details. When this is complete, you will be able to log in and select in the left side of the home page "Inn4Mech 2021" link.
- Afterwards, click on the sub-menu "Call for papers → Call for papers" and click on "Submit call".

- Enter data of the author (name, surname, email, etc.).
- Classify your submission by choosing the right keywords.
- Select: "Paper (Workshops A...D)" or "Paper and demo showcase (Workshop E and demo case F)".
- Use the drop-down menu to suggest which Workshop should host your presentation (A, B, C, D, E). You may answer "any" to this question.
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- Write an abstract of your presentation in the text box named "Abstract of Presentation". Text cannot exceed 200 characters, space included.
- Upload your Extended Abstract (word, odt, pdf file) in the field named "Extended Abstract of the Presentation". Text cannot exceed 6000 characters, space included. The Extended Abstract can contain graphs, figures, pictures, etc.
- Upload the Privacy Disclaimer attached to the online submission form, dated and signed
- When the text is refined, click on "submit".

After clicking the Submit link, you will receive a confirmation e-mail.

You can download further Instructions on how to use Agora at link:  
[https://cloud.trentinosviluppo.it/index.php/apps/files/?dir=/Uso\\_Agora&fileid=534352](https://cloud.trentinosviluppo.it/index.php/apps/files/?dir=/Uso_Agora&fileid=534352)

### **Instructions for Accepted Abstracts**

After your Abstract has been accepted, a PowerPoint or pdf version of your presentation has to be uploaded to Agora, according to instructions which will be provided by Trentino Sviluppo via e-mail.

### **Informed Consent**

By participating in this Call for Presentations, you voluntarily consent to the collection and use of your information by Inn4Mech 2021 as outlined in the Privacy Disclaimer attached to the online form in Agora. If you have any questions concerning this privacy policy or our data collection practises, you may contact us at [info@inn4mech.eu](mailto:info@inn4mech.eu). Trentino Sviluppo reserves the right to change this privacy policy at any time and inform all submitters about the updates.