



INTERNATIONAL FEDERATION  
OF AUTOMATIC CONTROL

# 6th IFAC Workshop on Mining, Mineral and Metal Processing - MMM 2021 September 1-3, 2021, Nancy, France

SEPTEMBER 1-3, 2021 NANCY, FRANCE

<http://mmm2021.cran.univ-lorraine.fr/>

## IMPORTANT DATE

**February 14, 2021:**

**March 1, 2021**

Draft paper submission

**May 4, 2021:**

Acceptance notification

**June 14, 2021:**

Final manuscript submission

## REGISTRATION RATE

	EARLY (14/06)	NORMAL
REGULAR:	600 €	750 €
STUDENT:	300 €	350 €

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## SPONSORING TECHNICAL COMMITTEES

**TC 6.2. Mining, Mineral and Metal Processing**

TC 2.3. Non-Linear Control Systems

TC 2.4. Optimal Control

TC 4.2. Mechatronic Systems

TC 4.5. Human Machine Systems

TC 5.1. Manufacturing Plant Control

TC 6.3. Power and Energy Systems

TC 6.4. SAFEPROCESS

TC 8.3. Modelling and Control of

Environmental Systems

The 6th IFAC Workshop on Mining, Mineral and Metal Processing, MMM 2021 for short, is a conference co-organized by University of Lorraine (Nancy) and ArcelorMittal Global Research & Development. MMM 2021 promotes the exchange of ideas and developments in control engineering in the MMM field.

MMM 2021 will provide a forum for professionals, researchers, and experts in control, mining, mineral and metal processing to review state-of-the-art in control, optimization, and automation technologies in the field. Both academic and industrial control engineering practitioners have the opportunity to present their work and exchange research ideas with colleagues from across the globe.

The topics of the Workshop will be in the link with the scope of the Mining, Mineral and Metal Processing Technical Committee dedicated to research and development, education and technology transfer in the following fields of application: any kind of mining operation, mineral processing, production of ferrous & non-ferrous metal, or preparation, flotations, iron making, steel making, casting, hot/cold rolling, forming, forging, heat treatment, annealing, surface treatment, galvanizing, protective coating, welding, manufacturing, assembling, metal recycling processes, waste treatment, transport, haulage, power generation & supply as well as energy and environmental issues in the MMM industry.

There will be a special focus on health-aware control design strategies, advanced control approaches, AI methodologies, diagnosis & prognosis techniques applied to industrial problems, Industry 4.0 as well as instrumentation and sensors.

The event is co-sponsored by the International Federation of Automatic Control (IFAC), of which SAGIP (<http://www.sagip.org/>) is the National Member Organization for France.

**Paper Submission:** Papers must be submitted electronically. All submissions must be written in English and prepared according to the IFAC format under [IFAC copyright conditions](https://www.ifac-control.org/publications/copyright-conditions) (<https://www.ifac-control.org/publications/copyright-conditions>). Full and industrial contributions must be submitted in PDF format that complies with these requirements. The paper format must follow IFAC paper submission rules. Submitted papers should be classified as a **Full contribution** (6 pages peer reviewed paper published in the open-access IFAC-PapersOnLine series hosted at the ScienceDirect web service and indexed in SCOPUS) or an **Industrial contribution** (2 pages peer reviewed abstract with at least one industrial author) **not** published in IFAC-PapersOnLine. Participants are able to organize **Invited sessions** (limited to 6 papers and based on personal invitation by the organizers) and **Open invited tracks** (no limit on the number of papers). **Poster contribution** is also considered :2 pages abstract & poster max. size DIN A0 (portrait, 841x1189 mm), presentation in poster session, abstract peer reviewed Accepted full contributions will be allowed up to two additional pages for a charge of 100€ per additional page. Illustrations and references are included in the page count.

**Review Process:** All submitted papers will undergo a peer review process following IFAC rules and standards. Authors will be notified of results at the latest by May 4, 2021. Accepted papers must be uploaded electronically no later than June 14, 2021. Authors are encouraged to accompany their presentations with multimedia material, which will be included in the Conference Digital Proceedings.

**Paper presentation:** The full and industrial contributions will be grouped in Technical Sessions and will be allocated 20 minutes for oral presentation, which includes questions from the audience. For poster presentation, presenters are encouraged to supplement the poster with additional slides, video or software demonstrations. All poster presentations will be scheduled on one day.

**Young Author Award:** An IFAC Young Author Award will be awarded to an author for the best paper and presentation at the conference.

For any additional information about **MMM2021**, send an email to [mmm-2021@univ-lorraine.fr](mailto:mmm-2021@univ-lorraine.fr)

**(\*) Depending on the health situation related to COVID, MMM2021 conference could be held on a hybrid form including remote and physical presentation opportunities.**

**(\*\*) All publication material submitted for presentation at an IFAC-sponsored meeting (Congress, Symposium, Conference, Workshop) must be original and hence cannot be already published, nor can it be under review elsewhere. The authors take responsibility for the material that has been submitted. IFAC-sponsored conferences will abide by the highest standard of ethical behavior in the review process as explained on the Elsevier webpage (<https://www.elsevier.com/authors/journal-authors/policies-and-ethics>), and the authors will abide by the IFAC publication ethics guidelines (<https://www.ifac-control.org/events/organizers-guide/PublicationEthicsGuidelines.pdf/view>).**

Accepted papers that have been presented at an IFAC meeting will be published in the proceedings of the event using the open-access IFAC-PapersOnLine series hosted on ScienceDirect (<https://sciencedirect.com/>). To this end, the author(s) must grant exclusive publishing rights to IFAC under a Creative Commons license when they submit the final version of the paper. The copyright belongs to the authors, who have the right to share the paper in the same terms allowed by the end user license, and retain all patent, trademark and other intellectual property rights (including research data)

