

# **Matériaux & Techniques**

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## **Call for papers** **Themed Issue on:** **‘Laser Applications’**

### **Guest Editors**

- **Prof. Sophie COSTIL, Belfort, University of Technology Belfort-Montbeliard (UTBM), France**
- **Ass. Prof. Matthieu SCHNEIDER, Paris, Arts et métiers, France**

## Background

Laser processes offer a very wide range of applications which are rapidly evolving both in the academic world and in their industrial implications. The emergence of new processes and technological advances require regular synthesis of knowledge in terms of laser processes from CW to femtosecond and on all materials types (dielectrics, metals, ceramic plastics, composites and organic) in order to update knowledge of the community of students, engineers, researchers and end users.

## Aims and Scope of the Themed Issue

The objective of this special issue is to present recent advances in Academic French research Laboratories and also industrial end users applications. Topics covered in this special issue may include, but are not limited to:

- Treatment of materials, from the implementation of new materials to the improvement of processes on conventional materials
- Surface texturing by 3D laser machining.
- Heterogeneous welding and behaviour in operation.
- Tests, measurements and non-destructive testing as laser adhesion test (LASAT).

The articles will be based on the communications presented during the Laserap 2022 French autumn school organized by the UTBM and Arts et Métiers in Saumur en Auxois from October 10 to 14, 2022.

## Submissions

All relevant papers can be submitted either in English or in French (in this last case, the title and abstract must also be provided in English). They will be carefully considered by a distinguished team of international experts, and published in accordance to the Journal's standard policies. Full research papers and review articles can be submitted online via the journal's submission and peer review site. Please register choosing the title of the special issue '*Laser Applications*'.

Please find the instructions for authors at: <https://www.mattech-journal.org/author-information/instructions-for-authors>

**Submission deadline – October 31<sup>st</sup> 2022**

Article submission and editorial system [here](#).

## Charges

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2. For papers that have not chosen the Open Access Option (those papers will be read only by subscribers), there are **no publication charges**.

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The image shows the cover of the journal *Matériaux & Techniques* on the left, featuring a blue and white geometric design with a photograph of an industrial structure. To the right, a white box contains the journal's title, subtitle, and description. Below this, a blue box lists the journals' indexing services. At the bottom left is the *edp sciences* logo, and at the bottom right is the website [www.mattech-journal.org](http://www.mattech-journal.org).

**Matériaux & Techniques**

Journal of industrial materials,  
their implementation techniques and use

Over more than a century, *Matériaux & Techniques* has accompanied the evolution of the science & technology of materials.

The journal is written by and for engineering students, materials researchers and industrials. It covers the full spectrum of topics on materials science and engineering, and emphasizes the utilization and final use of materials.

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