

Matériaux & Techniques

Call for papers

Themed Issue on the

Recent advanced of the French
research on the biodeterioration of
materials

Editors

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Background

The interaction of organisms with materials (metal, concrete, coating, composite...) has an important impact in several economic activities such as oil and gas, maritime, civil engineering, geothermal energy...

This topic is the subject of many academic and industrial international researches to:

- Improve the knowledge of the mechanisms and the organisms involved,
- Develop new environmentally friendly material or solution of protection,
- Develop new methods of diagnosis.

Aims and Scope of the Themed Issue

The aim of this special issue is to present recent advances of the French research on the interaction of organisms/microorganisms with materials. The topics covered by this special issue may include but are not limited to:

- Microbiologically Influenced Corrosion (Biocorrosion)/biodeterioration (mechanisms, durability of material, testing method...),
- Development of organisms and impact on the performance of material and structure,
- Positive impact of organisms on material,
- Method to control the impact of organisms,
- Impact of protection systems on organisms.

The articles will be based on the communications presented in the 16th Forum of Material Biodeterioration organized by the CEFRACOR in Cherbourg-en-Cotentin. Nevertheless, other articles dealing with the aim of this special issue and which were not presented during the forum are also accepted.

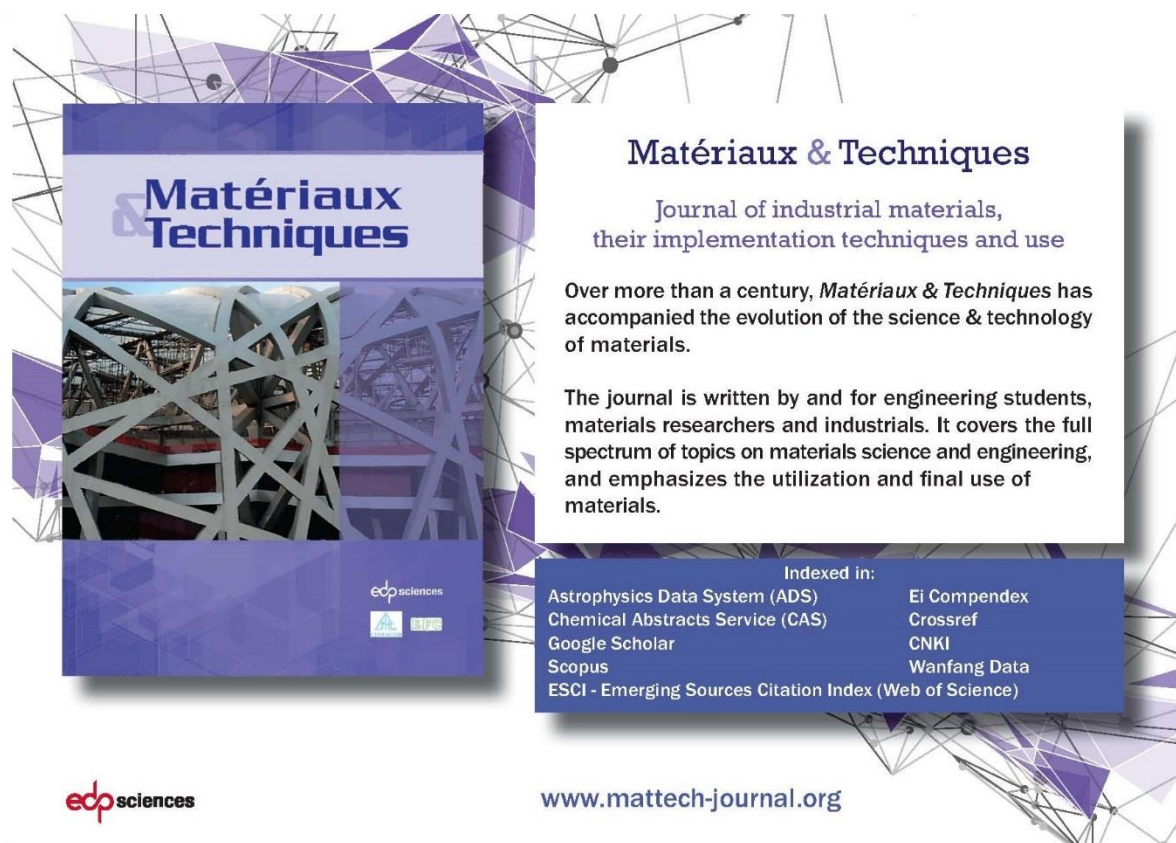
Submissions

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, vetted 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 '*Recent advanced of the French research on the biodeterioration of materials*'.

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

Submission deadline – September 30th 2022

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



The image displays the cover of the journal 'Matériaux & Techniques' and a summary of its content and indexing. The cover features a blue and white geometric pattern with a central photograph of a complex industrial structure. The journal title is prominently displayed in white text on a blue background. Below the cover, a white box contains the journal's title and a brief description. To the right, a blue box lists the journals' indexing services.

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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