



ICEM20
Porto, 2-7 July 2023

20th International Conference on
EXPERIMENTAL MECHANICS

A symposium on
**Thin Films and Multilayers:
From Microstructure to Device Characteristics**

Organised by

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Under the auspices of

20th International Conference on
EXPERIMENTAL MECHANICS

Porto, Portugal
2 – 7 July, 2023

(<https://paginas.fe.up.pt/~icem20/>)

Abstracts are solicited from the community in the following and related areas:

- Film thickness and microstructure effects on elasticity, plasticity, fracture and fatigue as well as electrical and dielectric properties
- Mechanics of flexible materials and devices (strain engineering of sensors, electronics)
- Mechanics of multi-layered systems (from thermal barrier coating to microelectronics)
- In-situ and In-operando experiments on thin films and devices
- Radiation and other extreme environment effects in thin films and interfaces
- Annealing, recrystallization and phase transformation mechanics of thin films and coatings (laser/electron/heat)
- Emerging thin film mechanics and applications (2D materials; flexible and/or foldable devices; photovoltaics; energy storage; thermal management; biomedical)



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Abstracts of two full pages should be written in the following format (the template is available in the web site specific section).

Paper Size:

A4, single column

Margins:

Top page 3,0 cm; Bottom 2,5 cm, Left & Right 2,5 cm

Font and line spacing:

Times New Roman; single space

First 3 lines:

Should be left blank, size 10, reserved for the editors

Title:

Begins at the 4th line, capital letters, size 14, bold, left alignment

Authors Names:

Size 10, left alignment, two lines interval from title above

Authors affiliation:

Size 10, left alignment, two lines interval from text below

Main Text:

Size 12, full justification, 6 pt space after paragraph, no indentation

Headings:

Capital letters, size 12, bold, one line interval from text above

Legends (Figs & Tables):

Size 10, one line interval from text above and below

References:

References to cited literature should be identified in the text with author(s) name(s) and year of publication (ex: Mascarenhas, 1997). Full citations should be grouped at the end of the paper and in alphabetical order of first author's name. Always give inclusive page numbers for references to journal articles and a page range for books. Each reference must be cited in the text.

A sample abstract is available for download at:

https://paginas.fe.up.pt/~icem20/abstract_sample.docx

which can also be used as template.

Deadline for Extended Abstracts: 15 October, 2022

The conference Proceedings with the extended abstracts and full papers will be submitted for indexation in the Web of Science and made available for free access in the internet.

For additional information, please contact the Symposium Coordinator:

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