

22nd European Conference on Fracture - ECF22
August 26th to 31st, 2018
Summer School
August 25th to 26th, 2018
Belgrade, Serbia

[22nd European Conference on Fracture \(Belgrade, Serbia\) – First announcement.pdf](#)



We would like to inform you that the next, **ECF22 Conference** will be held from **August 26th to 31st, 2018**, in **Belgrade, Republic of Serbia**, along with the **Summer School** from **August 25th to 26th, 2018**.

The full title of the conference is **Loading and Environment Effects on Structural Integrity**.

The conference is organised by the **[Society for Structural Integrity and Life "Prof. Dr Stojan Sedmak"](#)**, under the auspice of the **[European Structural Integrity Society](#)**.

The conference will take place at **[Metropal Palace Hotel](#)** located at Boulevard Kralj Aleksandar 69, in Belgrade.

The topics to be considered at the ECF22 should be focused fractures, failures, and structural integrity, considering interrelation between external effects (loading, environment), microstructure characteristics, component strength and material properties. Safety and reliability problems during operation life, including maintenance and repair, represent also items very important for structural integrity. More specifically, applied stress-strain state in critical structural components, induced by loads acting at the global level, and affected by stress concentration at the local level, should be considered theoretically and by applying convenient numerical modelling.

Authors of selected papers will be invited to submit extended papers to ESIS affiliated ISI Journals: **Engineering Failure Analysis, International Journal of Fatigue, Journal of Theoretical and Applied Fracture Mechanics, Engineering Fracture Mechanics**.

The Summer School will be held as part of the conference on August 25th and 26th, 2018. The aims are presenting different issues in the field of elastic-plastic fracture mechanics, including interface crack problems. **On the occasion of the 50th anniversary Prof. Jim Rice will deliver a special lecture on J integral**. The two-day event is mainly aimed for PhD students, young researchers and engineers, but it is open to everybody.

Information about abstract submission are available at www.ecf22.rs. Please check ESIS awards and support at: <http://www.structuralintegrity.eu/site/pdf/ecf22/ESIS%20Support%20for%20Researchers%20Announcement.pdf>, <http://www.structuralintegrity.eu/site/pdf/ecf22/ESISELSEVIER%20YOUNG%20SCIENTIST%20AWARD.pdf>, <http://www.structuralintegrity.eu/site/pdf/ecf22/ESIS%20AWARDS%20-%20CALL%20FOR%20PROPOSALS.pdf> <http://www.structuralintegrity.eu/site/pdf/ecf22/AWARD%20%20for%20the%20best%20paper%20on%20WFM%20Galip.pdf>, respectively dealing with:

- ESIS Support for researchers, especially, but not limited, to young ones.
- ESIS-ELSEVIER Award for the best paper - young scientists.
- Proposals for ESIS AWARDS (Griffith and Wohler medal, award for merits, honorary membership).
- Award for the best paper in honour to Prof. Dr Stojan Sedmak - Weldment Fracture Mechanics.

If you have any questions, do not hesitate to contact us.

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