

1 *Editorial*

2 **Launching a New Journal in the Era of Nanomaterials and En-** 3 **gineering**

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8 **Abstract:** The International Journal of Innovative Nanomaterials and Engineering (IJINE) publishes original and high quality ex-
9 perimental and theoretical researches on advanced and innovative nanomaterials, with focus on synthesis, theoretical analyses,
10 processing, characterization, modeling, and applications in the field of nanomaterials and engineering. The journal is led by an
11 international team who are all active researchers in their fields. All articles are subject to thorough and independent peer review.
12 The journal welcomes original articles, reviews, short communications, perspective articles, letters to the editor, case reports, and
13 editorials that contribute to scientific progress and practical applications.

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15 **Keywords:** Nanomaterials; Engineering; Application; Properties; Characterization

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18 Nanomaterials possess different properties compared with macroscopic materials built up from the same atoms or
19 compounds. The synthesis routes, characterization, and applications of materials sized on the nanometer scale also
20 differ from the bulk.

21 Because of new fabrication methods and advanced characterization, nanomaterials are now central to multiple
22 disciplines, involving materials science, physics, chemistry, engineering and medicine, etc.

23 Research in this field supports the development of innovative technologies and practices that raises concerns for
24 individuals and society.

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26 **Aims and Scope of the journal**

27 The International Journal of Innovative Nanomaterials and Engineering is a peer-reviewed, open-access journal
28 committed to publishing high-quality research that contributes to the advancement of knowledge in nanostructured
29 materials and engineering. The journal serves as a platform for researchers, academics, and professionals to share
30 insights, innovations, theoretical developments, and practices that address current and emerging issues in the field.

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32 **Aims**

33 • IJINE is an international and scholarly open access journal. It publishes original research articles, reviews, and
34 communications.

35 • The overall aim of the journal is to bring science and applications together on advanced and innovative nano-
36 materials, with emphasis on structural and microstructural design, phases changes, kinetics, and computational
37 thermodynamics that enable new and improved properties

38 • The journal aimed at publishing high quality and innovative research in various disciplines (physics, chemistry,
39 materials science, biology, mechanical engineering, etc.)

40 • The journal offers an innovative platform for academics, researchers, engineers, graduate students, and practicing
41 professionals in the field of materials science and engineering

42 • All manuscripts undergo a rigorous reviewing process and decisions are based on the recommendations of inde-
43 dependent reviewers

44 **Scope**

45 This interdisciplinary journal covers vast topics dealing with the involvement of nanosized materials in different
46 phases of science and technology, covering:

- 47 • Preparation, characterization and application of all nanomaterials
- 48 • Concepts, phenomena, properties, and processes of nanoscale structures
- 49 • Nanoengineering and nanobiotechnology
- 50 • All areas of materials science
- 51 • All areas of experimental and theoretical chemistry
- 52 • All areas of experimental and theoretical physics
- 53 • All areas of biology and biochemistry
- 54 • All areas of agriculture and food
- 55 • All areas of environment and ecology
- 56 • All areas of computer science
- 57 • All areas of mechanical engineering
- 58 • Any application of new nanomaterials or new application of nanomaterials

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60 Looking to the future, International Journal of Innovative Nanomaterials and Engineering aims to work with
61 colleagues and expert from all over the world

62 We invite contributions from across the globe and encourage interdisciplinary works and various forms of con-
63 tributions that bridges gaps between science, practice, and policy.

64 Finally, we extend our sincere recognition to all experts and colleagues for their availability and support during
65 the journal's launch.

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