



IAAM' MONTHLY NEWSLETTER

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May-June, 2021

In This Newsletter

- Advanced Materials Congress
- Baltic Conference Series
- Upcoming IAAM Events
- Call for Symposium Proposal for IAAM Congresses
- Call for Papers & Special Issue Proposal for Advanced Materials Letters
- Video Proceedings of Advanced Materials
- Diamond Open Access Publication
- Popular Editorial Articles
- Announcements of New Events

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<https://www.iaamonline.org/membership>

Nomination for IAAM Awards & Fellow is open!! Please visit: <https://www.iaamonline.org/awards-nomination> for more details.

Advanced Materials Congress

Celebrating Ten Glorious Years (Journey started in 2011)



“An international platform with unparalleled prestige for academia and industries to indulge in extensive scientific discussions to establish a highly interactive Advanced Materials Community”.

In ten years of its establishment, [Advanced Materials Congress](#) (AMC) have actively created a global forum straddling across Europe, Asia, Australia, Africa, and America to achieve together the agenda of the decade, 2030, ‘The Advancement of Materials for a Sustainable and Greener World’. To know more, please visit at www.iaamonline.org/advanced-materials-congress.

Baltic Conference Series

Celebrating five years of establishment (Journey started in 2017)



IAAM Blogs

<https://www.iaamonline.org/blog>

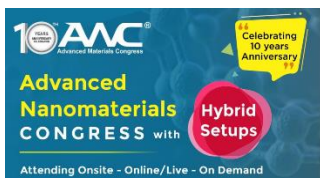
Advanced Materials Congress with Hybrid Setups creates cohesive interactive opportunity to participants through onsite, online and on demand engagements, where participants feel freedom of movements in and out of sessions & symposium depending on choice of topical interests, experts' lectures/exhibitions, and availability of time. Advanced Materials Congress will run with Hybrid participation Setups (Onsite, Online/Live and On-demand) at seven different regions.

Baltic Conference Series (BCS) is a comprehensive event that has been designed to facilitate discussions on the recent trends in translational research, innovations, and technology for the market. The BCS offers a global platform to members of various industries and academia to make attempts for the commercialization of progressive research.

To know more, please visit at www.iaamonline.org/baltic-conference-series.

Upcoming IAAM Events

Save the dates and call for abstracts is OPEN. "Attendees can Avail 25% discount in their registration"

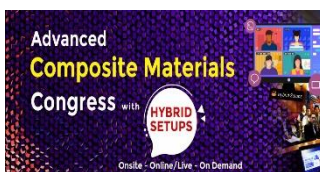


Advanced Nanomaterials Congress

24 – 27 October 2021, Stockholm, Sweden

Webpage: www.advancedmaterialscongress.org/nano/

Abstract Submission Deadline: 30 July 2021



Advanced Composite Materials Congress

06 – 13 March 2022, Dubai, UAE

Webpage: www.advancedmaterialscongress.org/composites/

Abstract Submission Deadline: 31 August 2021



Baltic Conference Series-Spring

28 May 2022 – 04 June 2022, Kiel, Germany

Webpage: www.advancedmaterialscongress.org/baltic-spring/

Abstract Submission Deadline: 31 August 2021



Advanced Materials WebCongress

31 August 2020 – 31 December 2021, Online Event

Webpage: www.advancedmaterialscongress.org/web/

Abstract Submission Deadline: Throughout the year

Call for Symposium Proposal for IAAM Congresses

Knowledge Experience at Sea™
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CALL FOR SYMPOSIUM PROPOSALS
2021-2022
www.iaamonline.org

Submit proposal
contact@iaamonline.org

The banner features a blue background with a globe and various IAAM logos. The IAAM logo includes the text "IAAM Since 2010" and "INTERNATIONAL ASSOCIATION OF ADVANCED MATERIALS TO SUSTAINABLE & GREEN WORLD".

International Association of Advanced Materials invites individuals, organizations, and businesses to submit symposium proposals. The prestigious opportunity to serve as the host of an IAAM symposia or event is open to all those who desire to take the world of materials science to another level. Moreover, IAAM symposia and event present opportunities for unparalleled level of global networking. By bringing together scientific elites together on one

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platform along with young researchers, IAAM events offer once-in-a-lifetime experience to all the attendees. To know more, please visit at www.iaamonline.org/call-for-events-proposals

Call for Papers & Special Issue Proposal for Advanced Materials Letters

CALL FOR PAPERS & PROPOSAL
for special issues of
IAAM Official Journal
Advanced Materials Letters

Submit proposal for special issue at
editorialoffice@vbripress.com

Online Manuscript Submission and peer-review process carried out using ScholarOne-Web of Science Group-Clarivate Analytics, USA

Clarivate Analytics

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www.iaamonline.org

The banner features a stack of colorful journal covers for 'Advanced Materials Letters' on the right side. The covers show various scientific illustrations and titles. In the top right corner, there is a circular logo for 'AA' (Advanced Materials Letters) with the text 'AA' and '2021'.

IAAM invites scholars to submit special issue proposals for Advanced Materials Letters: A Diamond Open Access Journal on the theme “Advancement of Materials to Global Excellence”, with special focus on Health, Energy, and Environment. The primary aim behind this special issue is to provide a collection of informative articles on a special set of advanced materials. To know more, please visit at www.vbripress.com/aml/pages/proposal_for_special_issue.

Video Proceedings of Advanced Materials

An open access peer-reviewed video journal of IAAM, that publishes state-of-the-art research advancements of materials science, engineering, and technology. The journal provides a comprehensive audio-visual overview of the multi-inter-trans disciplinary areas of advanced materials research, innovation, and technology. To know more, please visit at www.proceedings.iaamonline.org

Editor’s Choice (May-June 2021)

Towards a Digital Twin Simulator for Nanomaterial Design in Targeted Drug Delivery and Therapeutics
Ravi Radhakrishnan
University of Pennsylvania, USA

The image shows a video player interface for a paper. On the left, there is a title and author information. On the right, there is a video thumbnail showing a green, abstract, branching structure. Below the thumbnail is a small portrait of Ravi Radhakrishnan and his contact information.

Towards a Digital Twin Simulator for Nanomaterial Design in Targeted Drug Delivery and Therapeutics

Ravi Radhakrishnan
Vid. Proc. Adv. Mater., 2, 202103154 (2021).
www.proceedings.iaamonline.org/article/vpoam-2021-03154

Artificial Intelligence for Virtual Medical Imaging for Accurate Diagnosis
Kenji Suzuki
Institute of Innovative Research, Tokyo Institute of Technology, Yokohama, Kanagawa
226-8503, Japan

The image shows a video player interface for a paper. On the left, there is a title and author information. On the right, there is a video thumbnail showing a green, abstract, branching structure. Below the thumbnail is a small portrait of Kenji Suzuki and his contact information.

Artificial Intelligence for Virtual Medical Imaging for Accurate Diagnosis

Kenji Suzuki
Vid. Proc. Adv. Mater., 2, 202103156 (2021).
www.proceedings.iaamonline.org/article/vpoam-2021-03156

Submit special issue proposal for IAAM's diamond open access journals: Advanced Materials Letters & Advanced Materials Proceedings. Email us: contact@iaaonline.org

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Advanced Materials Letters, launched in the year 2010, publishes high-quality peer-reviewed articles by connecting both the fundamental and applied research, at the interface between advanced materials and other basic disciplines such as chemistry, physics, biology, engineering, and technology.

Researchers across the globe are encouraged to submit their next research/review via the online submission system of ScholarOne – Web of Science Group – Clarivate Analytics, USA.

<https://mc.manuscriptcentral.com/vbrpress>

Exploring materials for overall electrochemical water splitting activity

Anthony O'Mullane¹, Md Abu Sayeed, Um... Sultana

School of Chemistry and Physics, Queensland University of Technology (QUT), Brisbane, QLD 4001, Australia

*Corresponding and presenting author

ANTHONY O'MULLANE
E-mail: anthony.omullane@qut.edu.au

Water-based, self-extinguishing nanocoatings for fire protection of plastics

Jaime Grunlan^{1,2,3}, Yu-Chia Li¹, Ryan Smith¹, Kevin Hol... Jaime Lauer¹, Merid Hall¹, Thomas Kolbaba¹, Simone Lazar¹, Marcus Leistner¹, Amanda Cain¹, Tyler Guin¹

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²Department of Chemistry, Texas A&M University, College Station, TX 77843, USA
³Department of Materials Science and Engineering, Texas A&M University, College Station, TX 77843, USA

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Super-insulating materials enhanced with aerogels for high-performance building systems

Umberto Berardi

Tallinn University of Technology, School of Engineering, Centre of Mechatronics and Autonomous Systems, Ehitajate tee 5, 19086 Tallinn, Estonia

UMBERTO BERARDI
E-mail: berardi@system.ca

Exploring Materials for Overall Electrochemical Water Splitting Activity

Anthony O'Mullane et al.,
Vid. Proc. Adv. Mater., 2, 202103157 (2021).
www.proceedings.iaaonline.org/article/vpoam-2021-03157

Water-based, Self-Extinguishing Nanocoatings for Fire Protection of Plastics

Jaime Grunlan et al.,
Vid. Proc. Adv. Mater., 2, 202102143 (2021).
www.proceedings.iaaonline.org/article/vpoam-2021-02143

Super-Insulating Materials Enhanced with Aerogels for High-Performance Building Systems

Umberto Berardi
Vid. Proc. Adv. Mater., 2, 202102141 (2021).
www.proceedings.iaaonline.org/article/vpoam-2021-02141

Diamond Open Access Publication

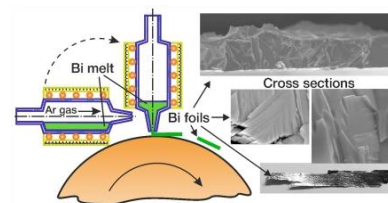
All the journals and other materials are published under this model are readily available to the readers. By making valuable scientific research available to readers free of cost and without any hidden costs, IAAM is facilitating the dissemination of knowledge on a wider level. We have recently published the **July 2021** and **August 2021** issue of Advanced Materials Letters online. All the articles are available for "Free to Read".

Editor's Choice (May-June 2021)



Green Synthesis of ZnO and Ag-ZnO Nanoparticles using Macrotyloma Uniflorum: Evaluation of Antibacterial Activity

Sidarai et al.,
Adv. Mater. Lett., 2021, 12 (7), 21071645
www.vbrypress.com/aml/articles/details/1641



Feature Behavior of Resistivity in Bi Foils Obtained by a Melt Spinning Method

Kozhemyakin and Kovalev,
Adv. Mater. Lett., 2021, 12 (7), 21071646
www.vbrypress.com/aml/articles/details/1642

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IAAM invites research professionals, scientific communities, delegates, students, executives, governmental agencies, policy makers and business professionals from all over the world to submit symposia proposal

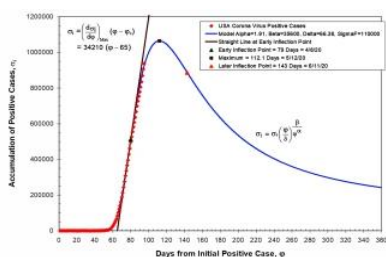
Submit proposal via email:
contact@iaamonline.org

Contact Us

Address:
 Gammalkilsvägen 18,
 Ulrika 590 53, Sweden

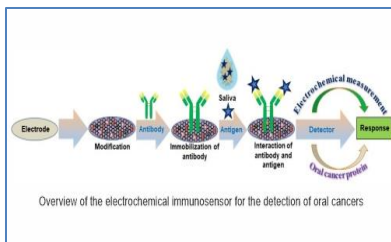
E-mail:
contact@iaamonline.org

Website:
www.iaamonline.org



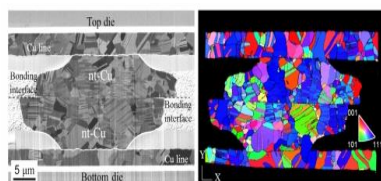
A New Epidemic Spreading Model to Predict the Spread and Accumulation of Corona Virus (COVID-19) Positive Cases as a Function of Time

Richard D. Sudduth
 Adv. Mater. Lett., 2021, 12 (7), 21071644
www.vbripress.com/aml/articles/details/1640



Efficiency of Nanomaterials for Electrochemical Diagnostics based Point-of-Care Detection of Non-Invasive Oral Cancer Biomarkers

Khan et al.,
 Adv. Mater. Lett., 2021, 12 (8), 21081651
www.vbripress.com/aml/articles/details/1647



Low Resistance and High Electromigration Lifetime of Cu-Ti-Cu Joints Using (111)-Oriented Nanotwinned Copper

Chen et al.,
 Adv. Mater. Lett., 2021, 12 (8), 21081654
www.vbripress.com/aml/articles/details/1650

Popular Editorial Articles



Advancing Materials towards Climate Neutrality by 2050

Ashutosh Tiwari
www.vbripress.com/aml/articles/details/1646



Transforming Paradigm of Artificial Intelligence for Scalable Clinical Healthcare

Ashutosh Tiwari
www.vbripress.com/aml/articles/details/1638

Announcement of new AMC assemblies

AMC Advanced Materials Congress
Functional Materials Congress
 with HYBRID SETUPS
 17 - 24 September 2022
 Barcelona, Spain
 Onsite - Online/Live - On Demand

AMC Advanced Materials Congress
Advanced Materials World Congress
 with HYBRID SETUPS
 25 June - 02 July 2022
 Genoa, Italy
 Onsite - Online/Live - On Demand

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