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Introducing *EES Catalysis*

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Dear readers, it is our great pleasure to introduce the first issue of *EES Catalysis*, published by the Royal Society of Chemistry (RSC). The birth of a new journal brings opportunities and possibilities, especially when the journal's scope covers an emerging area of research. In this editorial, we would like to highlight some of the reasons why *EES Catalysis* is a great place to present your work.

EES Catalysis is a premier gold open access journal reporting exceptional experimental and theoretical catalysis research for energy and environmental applications. Delivering the same impact and influence which researchers associate with the *Energy & Environmental Science* brand, *EES Catalysis* is transdisciplinary, publishing globally impact-

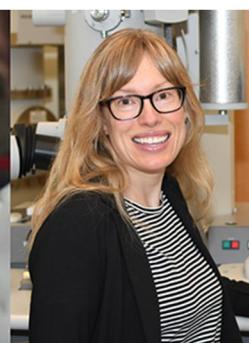
ful energy and environmental catalysis across all scientific disciplines including chemistry, materials science and engineering. Currently, *EES Catalysis* supports you to publish your research with no barrier to access. We are covering the article processing charges (APCs) for authors, making it free to publish open access in our journal until mid-2025, helping you benefit from the widest possible readership at no cost. As a multi-disciplinary platform, we welcome catalysis research of the highest quality from all related subject areas. Our vision for *EES Catalysis* is to be an inclusive space for everyone bringing together research from all areas of catalysis to advance our understanding of the design, synthesis, characterization and application of catalysts.

The Editor-in-Chief of *EES Catalysis* is Professor Shi-Zhang Qiao from the School of Chemical Engineering and Advanced Materials, The University of Adelaide, Australia. He is the inaugural

Chair of Nanotechnology and the founding Director of the Centre for Materials in Energy and Catalysis. His research expertise is in nanostructured materials for new energy technologies (electrocatalysis, photocatalysis, batteries, fuel cells). Speaking about the first *EES Catalysis* articles, he says:

“Our first *EES Catalysis* articles include excellent, innovative research on photo-, thermal- and electrocatalysis. These works include studies on carbon dioxide reduction and the electrosynthesis of urea through experiment and computation, which have great significance in achieving energy security and zero carbon emission.” You can read our first articles for free online now and we hope that you will spread the word about these articles to your colleagues and networks (<https://pubs.rsc.org/en/journals/journalissues/ey#!recentarticles&all>). We look forward to bringing you more diverse and innovative research in future

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issues; you can sign up to receive future issue alerts here: <https://rsc.li/alerts>.

Catalysis is a hot topic and key technology which enables energy and environmental developments that benefit human society. The past decade or so has seen tremendous advances in synthesis of nanomaterials, new chemical reactions, electrochemical energy storage and conversion, *etc.* Catalysis plays a vital role in these key processes. The use of catalysts can lower energy consumption, reduce carbon emission, and promote the energy storage or energy conversion efficiency. Catalysis is a generalized cross-field topic, covering heterogeneous, homogeneous, molecular and biocatalysis phase-based investigations, and encompasses the fields of thermo-, electro-, and photocatalysis for the production of clean energy, fuels and chemicals, modification/repair of the environment, and improved planetary health. Original catalysis research benefits our fundamental understanding of catalytic processes and contributes to the design of more efficient catalysts for future energy and environmental applications.

We are engaged in ensuring that *EES Catalysis* meets the standards of

the communities it is designed to serve, and we strive to provide a venue not only for your open access needs, but also for the fast decisions, high-quality peer review, and warm customer service that you should expect from a trusted society publisher like the RSC. And to facilitate that, we are delighted to welcome Zhichuan J. Xu (Nanyang Technological University, Singapore), Honggang Fu (Heilongjiang University, China), Rebecca Melen (Cardiff University, UK) and Susan Habas (National Renewable Energy Laboratory, USA) as our inaugural Associate Editors, who will handle the peer review of submissions to the journal. Our team welcome your future submissions to the journal and are excited to discover more about your innovative research. More information about the journal's editorial team can be found online (<https://www.rsc.org/journals-books-databases/about-journals/ees-catalysis/editorial-board-members/>) and you are highly encouraged to submit your high-quality original work to our Associate Editors online at <https://mc.manuscriptcentral.com/eescatal>.

Our editorial team cares deeply about openness and transparency for all submissions. *EES Catalysis* offers authors

the option of transparent peer review, where the editor's decision letter, reviewers' comments and authors' response for all versions of the manuscript will be published alongside the article under an Open Access Creative Commons license (CC-BY). Authors will be asked if they would like to take up this option at the revision stages. Reviewer comments will remain anonymous unless the individual chooses to sign their report. The decision-making process will be more transparent, and the editors can be held accountable for their decisions. This increases the potential to advance research integrity and reproducibility and helps prevent research manipulation and fraudulent review.

We look forward to bringing you lots of exciting research in the journal in 2023 and beyond, and welcome you as potential future authors, reviewers, and readers. We always welcome any comments, suggestions, and feedback, so please do contact us with your views and feedback.

Best wishes,
Shi-Zhang Qiao, Editor-in-Chief
Emma Eley, Executive Editor