



International Compumag Society

Newsletter

Volume 30 No. 3 ISSN 1026-0854 1 November 2023

From the Editor



Before we knew it, the summer was over, hope you all had a good break. In reality we have already been busy with work and meetings. September has seen two important and very enjoyable conferences, in fact one after the other. First, one of the oldest symposia in our field with nearly 50 years history, the ISEF (see photos on page 2), held for the third time in Pavia, Italy. Thank you to Paolo di Barba and Evelina Mognaschi for their hard work in organising the event and to Slawomir Wiak (from Lodz) for continuing leadership as Chair of the Steering Committee. ISEF was almost immediately followed by OIPE (see page 3) in Graz, Austria. Our gratitude goes to Alice Reinbacher-Köstinger and Christian Magele from IGTE, Graz, for making us feel at home and for creating such a nice and friendly atmosphere.

The main big event next year is of course IEEE CEFC to be held in Jeju, Korea, 2nd-5th June 2024 (refer to pages 18 and 19 for the details). Moreover, we are already thinking about and planning the next Compumag meeting in Naples in June 2025. Information is already available on the front cover of the Newsletter and the website; you might also wish to admire some images of this region of Italy on page 17.

Otherwise it is business as usual, I suppose, with exciting research being reported continuously at conferences and conferences. The 'hot topic' is of course the use of AI techniques in the design and performance analysis of electromagnetic devices.

You may have noticed that our website is not quite up-to-date and not fully functional. We are trying to rectify this problem so hopefully over the coming Autumn period the pages will be updated and full access restored.

Jan Sykulski

Contents:

Compumag Naples 2025	1
Highlights from ISEF, Pavia, Sept 2023	2
Highlights from OIPE, Graz, Sept 2023	3
EPNC 2024, Portorož, Slovenia	4
Modelling of electromagnetic phenomena within non-oriented electrical steel sheets (technical article)	5
Images of Naples, Sorrento, Capri, Pompeii and Amalfi Coast	17
IEEE CEFC Korea 2024	18
INTERMAG 2024, Rio de Janeiro, Brazil	20
Future events	20



COMPUMAG 2025, the 24th International Conference on the Computation of Electromagnetic Fields, will be held in Naples, Italy, from June 22 to 25, 2025. It is co-organized by 9 teams from the Italian community of Computational Electromagnetism. The conference venue is the Hotel Royal Continental, located in the heart of Naples.

Since its creation in 1976, COMPUMAG has been one of the most important events in the field of computational electromagnetics for researchers all over the world to present their latest research advances, to share professional experiences, to exchange new ideas and to expand their professional networks. Following this well established tradition, the aim of COMPUMAG 2025 is to discuss recent developments and practical applications in the numerical computation of electromagnetic fields for engineers and physicists engaged in the design and analysis of electromagnetic devices and systems. Reflecting the new trends and rapid progress in the field of topics listed inside, authors worldwide are invited to submit original and previously unpublished contributions. With your valuable contribution and active participation, we believe that you will benefit from the excellent quality of technical presentations, have fruitful discussions, experience pleasant moments by meeting friends and establishing new scientific relationships, and have an enjoyable stay in Naples.

On behalf of the board of International Compumag Society, the organizing committee and the editorial board, we sincerely welcome you to Naples to attend the COMPUMAG 2025. We will commit to making this event pleasant for every attendant and accompanying persons, during and apart of the scientific sessions. We are organizing an exciting social program to make Compumag 2025 a really enjoyable event.

Professor Alessandro Formisano
General Chairman



IMPORTANT DATES

Submission of digest (2-page):	21 st December 2024
Notification of acceptance:	15 th March 2025
Early bird registration:	1 st May 2025
Final date for paper registration:	22 nd June 2025
Submission of extended papers for IEEE TMAG publication:	10 th July 2025

