

Numerical and analytical approximation: Special Issue on the second meeting of “Gruppo di Attività ANA&A - SIMAI”

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The Second Meeting “Gruppo di Attività ANA&A - SIMAI” was held in Roma (Italy), at the UNINETTUNO University on April 18th-19th, 2024. The conference aimed to create a fruitful link between numerical analysis researchers and companies using mathematical models in their activities. The goal has been to promote discussions, and idea exchange to foster collaborations, future developments, and trends.



Figure 1. A picture of in-person participants to the Meeting at the UniNettuno University.

The Gruppo di Attività ANA&A SIMAI, born from the experience of the Research ITalian network on Approximation (RITA), is focused on Approximation Theory and related applications. In particular, the main goals of the group are devoted to the solutions of mathematical models both from a strictly theoretical point of view, even with the use of flexible tools such as special functions and, orthogonal

polynomials, and by developing efficient methods and implementable algorithms, up to to the construction of dedicated software to support industrial applications of mathematics. At the basis of the study of the various mathematical models, different lines of research, which are complementary to each other, based on the theory of approximation, merge.

This volume contains carefully selected papers, accepted after a rigorous peer-review process, according to the standard of the CAIM journal.

The Organizing Committee is grateful to all the participants, around 40 including both those in person and others remotely, who contributed to the conference's success, attending with great interest, and sincere enthusiasm. More details about the Meeting can be found at the link:

<https://sites.google.com/uninettunouniversity.net/meetinggda2>

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