

RITA Meeting 2024



January 18, 2024

We retrieve the main information from RITA homepage.

In order of being more accurate in the future:

- in case you **get a grant**, have drink on us, but also inform the homepage webmaster of its coordinates (grant title, type, etc.);
- we have noticed that some **conferences that took place in 2023** are not mentioned in the homepage (inform the homepage webmaster);
- in case you plan to organize a **conference in 2024**, again write to the webmaster;
- in case your group has **new members** or somebody **changes affiliation** or, better, **wins a prize**, again write to the webmaster.

In view of all the work our webmaster will do after this communication, please encourage Alberto with cheers!



- Department of Mathematics “Tullio Levi-Civita”, **University of Padova**
- Department of Computer Science, **University of Verona**
- Department of Environmental Sciences, Informatics and Statistics (DAIS), **University of Venice**
- Department of Mathematics and Applications, **University of Milano - Bicocca**
- Department of Mathematics “Giuseppe Peano”, **University of Torino**
- Department of Mathematics “G. L. Lagrange”, **Politecnico di Torino**
- Department of Mathematics, **University of Genova**
- Department of Mathematics, Alma Mater Studiorum **University of Bologna**



- Department of Industrial Engineering, **University of Firenze**
- School of Science and Technology (Mathematics division), **University of Camerino**
- Department of Mathematics and Computer Science, **University of Perugia**
- Department of Basic and Applied Sciences for Engineering, **University of Roma "La Sapienza"**
- Section of Mathematics, **Uninettuno University, Roma**
- Department of Mathematics and Physics, **University of Campania "L. Vanvitelli", Caserta**



- Departments of Mathematics and Applications “R. Caccioppoli” and Agricultural Sciences, **University of Napoli** Federico II
- CNR National Research Council of Italy - **IAC Institute, Napoli**
- Department of Mathematics, **University of Salerno**
- Department of Mathematics, **University of Bari** “A. Moro”
- Department of Mathematics and Physics “E. De Giorgi”, **University of Salento**
- Department of Mathematics, Computer Science and Economy, **University of Basilicata, Potenza**



- Department of Mathematics and Computer Science, **University of Calabria**, Cosenza
- Department of Information Engineering, Infrastructure and Sustainable Energy, Mediterranean **University of Reggio Calabria**
- Department of Industrial and Digital Innovation, **University of Palermo**
- Department MIFT, **University of Messina**
- Department of Chemical, Physical, Mathematical and Natural Sciences, **University of Sassari**
- Department of Mathematics and Computer Science, **University of Cagliari**



	Site
Institutions	26
Staff Members	57
PhD Students	20
Post Doc	5

- Please inform us if something is wrong/incomplete.
- See RITA homepage: some data may be renewed.

Thanks for the collaboration!



- Maria Charina Prize, won “ex aequo” by Alberto Viscardi (and Sergio Lopez Ureña)

Please let us know if we are missing your prize win!



- PRIN

We congratulate with

- I.M. Bulai,
- C. Campi,
- D. Costarelli,
- L. Fermo,

for being Principal Investigators of main Italian research grants.

Please let us know if we are missing your stunning grant!



- PRIN

We congratulate with all local unit coordinators of PRIN projects.

- Research project funded by Compagnia di San Paolo

Local Unit Coordinator: E. Perracchione

Please let us know if any project is missing!



- **GNCS-INDAM Research projects 2023**
 - Elaborazione di dati e immagini: algoritmi e applicazioni
Coordinator: M. Cotronei (Reggio Calabria)
 - Approssimazione ed integrazione multivariata con applicazioni ad equazioni integrali
Coordinator: C. Laurita (Basilicata)

Don't miss the presentation of these projects at the next **GNCS annual meeting** (Rimini, February 14-16, 2024).

Please inform us if something is wrong/incomplete or any project is missing.



- GNCS-INDAM Research projects 2024

The following RITA members have expressed their willingness to be potential coordinators of GNCS Research projects in 2024:

- Rosanna Campagna
- Clemente Cesarano
- Mara Grazia Russo
- Gabriele Santin

Please inform us if something is wrong/incomplete.



- **SToK23: Scientific toolkit for kernel-based approximation and its applications**, Camerino, December 5-7, 2023.

RITA Organizers: J. Giacomini (Camerino), E. Perracchione (Torino)

- **Dolomites Research Week on Approximation and Applications**, S. Vito di Cadore (Belluno), September 15-19, 2023.

RITA Organizers: C. Bandiziol (Padova), G. Elefante (Padova), W. Erb (Padova), M. Karimnejad Esfahani (Padova), F. Marchetti (Padova), M. Mohammadi (Padova), E. Perracchione (Torino), F. Piazzon (Padova), G. Santin (Trento-Venezia), A. Sommariva (Padova)

- **XXII congress of the Italian Mathematical Union: Session on Approximation Theory and Applications**, Pisa, September 4-9, 2023.

RITA Organizers: L. Romani (Bologna)



- **SIMAI2023**: 2023 edition of its bi-annual congress.

RITA Organizers: D. Occorsio (Basilicata), C. Cesarano (Roma), D. Conte (Salerno), M. C. De Bonis (Basilicata), F. Dell'Accio (Calabria), F. Di Tommaso (Calabria), A. Iuliano (Basilicata), C. Laurita (Basilicata), M.G. Russo (Basilicata)

- **Current Trends in Analysis and Approximation Theory**, online, July 18, 2023

RITA Organizers: C. Cesarano (Roma)

- **International Symposium on Solid and Physical Modeling (within the Geometry Summit 2023)**, Genova, July 5-7, 2023

RITA Organizers: L. Romani (Bologna)

- **SIAM GD23: Conference on Geometric Design (within the Geometry Summit 2023)**, Genova, July 3-7, 2023

RITA Organizers: L. Romani (Bologna)



- **UMI-TAA2023: International Conference on Approximation Theory and Applications**, Cetraro (Italy), June 18-22, 2023

RITA Organizers: M. Campiti (Lecce), C. Conti (Firenze), F. Dell'Accio (Calabria), S. De Marchi (Padova), G. Vinti (Perugia)

- **Meeting Gruppo di Attività ANA&A SIMAI: Roma**, Palazzo Grazioli, May 24-25, 2023

RITA Organizers: C. Cesarano (Roma), D. Conte (Salerno), A. De Rossi (Torino), D. Occorsio (Basilicata)

- **6th IM-Workshop on "Applied Approximation, Signals and Images"**, Bernried (Germany), February 20-24, 2023

RITA Organizers: C. Conti (Firenze), M. Cotronei (Reggio Calabria)



- **SA2023: Software for Approximation**, Torino, February 8-10, 2023

RITA Organizers: R. Cavoretto (Torino), A. De Rossi (Torino), I. Notarangelo (Torino), E. Venturino (Torino), A. Viscardi (Torino)

- **ATMA2023: Approximation: Theory, Methods and Applications**, Padua, January 18-20, 2023

RITA Organizers: C. Bandiziol (Padova), S. De Marchi (Padova), G. Elefante (Padova), W. Erb (Padova), M. Karimnejad Esfahani (Padova), F. Marchetti (Padova), F. Marcuzzi (Padova), G. Santin (Trento-Venezia), A. Sommariva (Padova)



- We cited the local organizers of the conferences, but many RITA members have been part also of **scientific committees**;
- the **minisymposia** were so many that it was impossible to mention all of them; in case you were local organizer of some of them but not listed in the RITA homepage, please contact us;
- these informations were taken from RITA homepage: if **You have organized a conference not mentioned above**, please inform us.



- **RITA Young Researchers Meeting 2024:** online, January 18-19, 2024

RITA Organizers: L. Angeloni (Perugia), R. Campagna (Campania), R. Cavoretto (Torino), L. Romani (Bologna), A. Sommariva (Padova)

- **Mathematics for Imaging, Vision and their Applications**, Napoli, February 1, 2024

RITA Organizer: F. Pitolli (Roma)

- **Second meeting - Gruppo di attività ANA&A SIMAI**, Roma, April 18-19, 2024

RITA Organizers: C. Cesarano (Roma), D. Conte (Salerno), A. De Rossi (Torino), D. Occorsio (Basilicata), R. Spigler (Roma)



- **ATMA 2024**, Lecce, June 11-14, 2024

RITA Organizers: M. Campiti (Salento), V. Leonessa (Basilicata), D. Occorsio (Basilicata), M.G. Russo (Basilicata)

- **International Symposium on Solid and Physical Modeling**, Montreal, July 8-10, 2024

RITA Organizers: L. Romani (Bologna)

- **2nd Joint Meeting co-organized by the American Mathematical Society (AMS) and the Unione Matematica Italiana (UMI)**, Palermo, July 23-26, 2024

RITA Organizer: E. Francomano (Palermo)



- **OPSFA: Summer School on Orthogonal Polynomials**, Special Functions and Applications - Roma, July 29-August 2, 2024.

RITA Organizers: C. Cesarano (Roma), S. De Marchi (Padova), A. De Rossi (Torino), D. Occorsio (Basilicata), R. Spigler (Roma), W. Themistoclakis (Napoli)

- **DWCAA 2024**, tentative coordinates: Canazei, September 9-13, 2024.

RITA Organizers (tentative list): C. Bandiziol (Padova), G. Elefante (Padova), W. Erb (Padova), M. Karimnejad Esfahani (Padova), F. Marchetti (Padova), G. Santin (Venezia), A. Sommariva (Padova)

- **NAMAS-24: Numerical Analysis Modelling in Applied Sciences**, Gaeta, September 16-20, 2024.

RITA Organizers: I. M. Bulai (Sassari), R. Cavoretto (Torino), C. Cesarano (Roma), A. De Rossi (Torino), I. Notarangelo (Torino), A. Viscardi (Torino)



1. Inform us in case conferences are missing;
2. You plan to organize sessions in conferences.



- JAS publishes open-access, well-structured accompanying articles to **open-source software** (with no charge to authors, readers and users), on all aspects of approximation theory and applications in its broadest sense.
- Articles will be carefully peer-reviewed and software tested.
- The **publisher** is University of Torino (Italy) by its open-access platform SIRIOUniTO.
- Implementations can use the **most common languages and environments** like MATLAB, Python, C, C++, among others. The codes will be posted by the authors on stable public platforms with a clear software versioning policy, such as GitHub.
- Contacts: R. Cavoretto, A. De Rossi, F. Dell'Accio, A. Sommariva, M. Vianello, A. Viscardi for further information.
- Journal website: <https://ojs.unito.it/index.php/JAS/>



- C. Cesarano has launched a new Article Collection **Orthogonal Polynomials in Approximation Theory** (Taylor & Francis journal Research in Mathematics)
- This Article Collection promotes the study of **special functions, in particular of orthogonal polynomials and their applications**, not only in the traditional field of mathematical physics equations and in detail of the Fredholm, Volterra, and Mellin-type integral equations and integral differential equations, but also in those of the combinatorial theory, the search for optimal interpolatory processes, analytical theory of numbers and linear analysis.
- Journal website: https://think.taylorandfrancis.com/article_collections/research-in-mathematics-orthogonal-polynomials-in-approximation-theory/



1. Inform us in case you are aware of new journals;
2. Comments are welcome!



Many of us are members of **editorial boards** and it may be helpful to gather information of the form

- RITA member,
- Journal and role of the member in the journal.

The purpose is not to have a special treatment, but just to send our works to editors that can speed up the process in view of their expertise.

Inform us in case you are member of editorial boards!



- Alvise proposes to renew his participation to the RITA coordinators committee;
 - Lucia ends her work as coordinator (thank you!!);
 - Election of coordinator/coordinators: to be discussed (taking into account previous *reservations*).
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- RITA meeting in 2025: candidates call.
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- Brief discussion on RITA prize for young researchers.



During the meeting there have been the following contribution to the discussion

- M. Vianello asked to support the open-source journal JAS, making some observations on the importance on electronic journal having open-access platforms;
- C. Cesarano described in detail the Article Collection *Orthogonal Polynomials in Approximation Theory*, providing insights on its purposes;
- M.G. Russo proposed to enter in the coordinators board, replacing L. Romani;
- A. Sommariva proposed to remain in the coordinators board for the next two years;
- there was unanimous vote and consequently the coordinators board will composed by L. Angeloni, R. Campagna, R. Cavoretto, M.G. Russo and A. Sommariva; L. Romani membership in the board will expire on February 29, 2024.



- L.Romani specified the modifications on the new GNCS rules for achieving grants and in particular the fact that researchers who received grants like PRIN as Principal Investigator or locally Principal Investigator could be a drawback in achieving the GNCS grants. After the discussion, we suggest that a RITA member who intends to be a responsible of a GNCS grant should not be also involved in PRIN (or other main projects specified in GNCS rules) as Principal or Local Principal investigator.
- In view of the contributions of C. Cesarano and other RITA members, it seems important to establish a *News* section in RITA homepage that could help international collaborators to be aware of conferences, seminars and other RITA activities.



- C. Cesarano announced a meeting on May 23-24, 2023, dedicated to P.E. Ricci, and in particular, in honour of his 80th birthday;
- We recalled briefly how to achieve the RITA membership; in case the researcher is a PhD student or a young researcher equivalent to italian position RTD A, it is sufficient to send to the coordinators
 - a presentation letter in which are explained the studies and motivations for entering in the group;
 - the personal curriculum vitae;

Notice that at the moment, by RITA statute, as reported by M. Cotronei, this does not apply to senior researchers (see Statute and guidelines in RITA homepage).

