Carlo Maria Scoppola

Laurea in Matematica, Roma "Sapienza", 1975.

Ph.D. in Mathematics, University of Chicago, USA 1986.

Researcher and later Associate Professor at Università di Trento, 1976-1991.

Associate Professor at Università di Roma Sapienza, 1991-1996

Since 1.11.1996 Professor of Algebra, Università dell'Aquila. Retired on Oct 31st, 2021.

Teaching activity:

two or three courses per year at Università dell'Aquila (est. average 160 class hours per year) among Algebra, Advanced Algebra, Foundations of Mathemathics, Discrete Mathematics and others, through the last 25 years.

PhD Courses at Rome Sapienza and Harish-Chandra Institute (Allahabad, India).

Main research interests: group theory, in particular finite p-groups, representation and character theory, combinatorial group theory, pro-p-groups, graded modular Lie algebras, applications of algebra to cryptography, foundations of mathematics.

Principal investigator for the Italian PRIN projects 2006 and 2008.

Recent participation to international conferences and seminars as an invited speaker:

Peking University, Beijing, Cina, Third international Symposium on Groups, Algebras and Related topics, 2013.

Harish-Chandra Research Institute, Allahabad, India, 2013.
Technion, Haifa, Israele, "Finite Groups and related topics",
2014.
Universita' di Siena, Congresso UMI 2015.
Universita' di Salerno, Gruppen und topologische Gruppen,
2015.
University of Lincoln, UK, "Groups, Rings and their
automorphisms", 2016.
International Centre for Theoretical Sciences (Tata Institute of
Fundamental Research), Bangalore, India, "Group theory and
computational methods" 2016.
Budapest, Ungheria, Gruppen und topologische Gruppen,
2017.
Gargnano, Topics on Groups and their representations, 2017.

Wroclaw, Polonia, Joint Meeting UMI-SIMAI-PTM, 2018.

Brasilia, Brasile, XI Summer workshop in Mathematics, 2019.
Cremona, Semigroups and Groups, Automata, Logics, 2019.
International Centre for Theoretical Sciences (Tata Institute of
Fundamental Research), Bangalore, India, "Group Algebras,
Representations and Computation" 2019
University of Haifa, Algebra Seminar 2020 (online).

Recent organization of international conferences:
Ischia Group Theory 2014, 2016, 2018, 2020-21 (online),
2022.
A4C - Algebra for Cryptography, L'Aquila 2019, Sezione di
Algebra congresso UMI Pavia 2019.
Ischia Online Group Theory Conference (GOThIC) , a series
of weekly online talks, 2020 -2021.
"Combinatorics, Computing, Group Theory and Applications

in South Florida", Boca Raton 2022.

Administrative work for national organizations:
Member of the National Council of Research, Mathematical Commettee 1988-1997.
Member of the GEV 01 for VQR 14-19.
Member CD Scuola Matematica Universitaria, several years since 1988.

Administrative work for Università dell'Aquila:
President CCL and CAD several times, Vicepresident of Facoltà di Scienze.
Chairman of the Unità di Ricerca INdAM at L'Aquila since its foundation.
Since 2014 member of the Organizing Committee of the Researcher's night.

Other:
Regular referee activity for many international journals, for the Italian Ministry of Research and University, and for several italian and foreign universities.
Member Unione Matematica Italiana, American Mathematical Society, Scuola Matematica Interuniversitaria.

List of recent papers:

Riccardo Aragona, Roberto Civino, Norberto Gavioli, Carlo Maria Scoppola (2022). Unrefinable partitions into distinct parts in a normalizer chain. DISCRETE MATHEMATICS LETTERS, vol. 8, p. 72-77, ISSN: 2664-2557, doi: 10.47443/dml.2021.0109

[allegati]

2021 riccardo aragona, roberto civino, norberto gavioli, carlo maria scoppola (2021). A Chain of Normalizers in the Sylow 2-subgroups of the symmetric group on 2^n letters. INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol. 52, p. 735-746, ISSN: 0019-5588, doi: 10.1007/s13226-021-00190-w

Proveniente dall'Archivio Istituzionale di UNIVAQ con codice 11697/153130

3 2021 riccardo aragona, roberto civino, norberto gavioli, carlo maria scoppola (2021). Rigid commutators and a normalizer chain. MONATSHEFTE FÜR MATHEMATIK, vol. 196, p. 431-455, ISSN: 0026-9255, doi: 10.1007/s00605-021-01514-y

[allegati](#)

Proveniente dall'Archivio Istituzionale di UNIVAQ con codice 11697/153131

4 2020 Norberto Gavioli, Leire Legarreta, Marco Ruscitti, Carlo Maria Scoppola (2020). Open normal subgroups in normally constrained pro-p groups. INTERNATIONAL JOURNAL OF GROUP THEORY, vol. 9, p. 125-132, ISSN: 2251-7669, doi: 10.22108/ijgt.2019.115382.1532

[allegati](#)

Proveniente dall'Archivio Istituzionale di UNIVAQ con codice 11697/141671

5 2019 Gavioli, Norberto, Legarreta, Leire, RUSCITTI, MARCO, Scoppola, Carlo Maria (2019). On small waist pairs in pro-p groups. MONATSHEFTE FÜR MATHEMATIK, vol. 189, p. 263-272, ISSN: 0026-9255, doi: 10.1007/s00605-018-1213-8

Proveniente dall'Archivio Istituzionale di UNIVAQ con codice 11697/125892

6 2019 R. Aragona, R. Civino, N. Gavioli, C. M. Scoppola (2019). Regular subgroups with large intersection. ANNALI DI MATEMATICA PURA ED APPLICATA, vol. 198, p. 2043-2057, ISSN: 0373-3114, doi: 10.1007/s10231-019-00853-w

Proveniente dall'Archivio Istituzionale di UNIVAQ con codice 11697/133529

7 2018 Alessandro Morresi Zuccari, Valentina Russo, Carlo Maria Scoppola (2018). The Chermak–Delgado measure in finite p-groups,. JOURNAL OF ALGEBRA, vol. 502, p. 262-276, ISSN: 0021-8693

Proveniente dall'Archivio Istituzionale di UNIVAQ con codice 11697/121778

Roma 29/08/2022