

Carlo Maria Scoppola

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

Since 1.11.1996 Professor of Algebra, Università dell'Aquila.

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.

Recent participation to international conferences as an invited speaker:

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

Recent organization of international conferences:

Ischia Group Theory 2018,

A4C - Algebra for Cryptography, L'Aquila 2019,

Ischia Online Group Theory Conference (GOThIC) 2020 (postponed).

Administrative work for national organizations: Member of the National Council of Research Mathematical Committee 1988-1997.

Regular referee activity for many international journals, for the Italian Ministry of Research and University, and for several universities.

Some recent papers:

R. Aragona, R. Civino, N. Gavioli, C. M. Scoppola (2020). A chain of normalizers in the Sylow 2-subgroup of the symmetric group on 2^n letters. To appear in the Indian Journal of Mathematics.

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

Norberto Gavioli, Leire Legarreta, Marco Ruscitti, Carlo Maria Scoppola (2019). Open normal subgroups in normally constrained pro- p groups. INTERNATIONAL JOURNAL OF GROUP THEORY, ISSN: 2251-7669, doi: 10.22108/ijgt.2019.115382.1532

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

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