

Advances in Karst Research: Theory, Fieldwork and Applications

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Once the book is accepted, the Society Book Editors ensure that the volume editors follow strict guidelines on refereeing and quality control. We insist that individual papers can only be accepted after satisfactory review by two independent referees. The questions on the review forms are similar to those for *Journal of the Geological Society*. The referees' forms and comments must be available to the Society's Book Editors on request.

Although many of the books result from meetings, the editors are expected to commission papers that were not presented at the meeting to ensure that the book provides a balanced coverage of the subject. Being accepted for presentation at the meeting does not guarantee inclusion in the book.

More information about submitting a proposal and producing a book for the Society can be found on its website: www.geolsoc.org.uk.

It is recommended that reference to all or part of this book should be made in one of the following ways:

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Dedication

Giovanni Badino passed away on 8 August 2017. He was still working and trying to complete several projects and articles, including the contribution that we have published in this volume. Giovanni was Associate Professor at the Department of Physics, Torino University, Italy. A specialist in cosmic ray physics, principally in underground supernova neutrino detection, in the last years his research focused on the thermodynamics of fluid transport underground, with specific studies focused on: (1) water transport and speleogenesis in glaciers; (2) the underground climate of alpine caves; (3) water transport in fractured rocks from a percolative viewpoint; and (4) the interaction between geothermal flux and caves.

Giovanni was a passionate and expert speleologist. His speleological activity began in the 1970s and, from that time, he soon became a reference point for European speleology and was one of the most famous speleologists, carrying out a number of explorations and discoveries in Italy and abroad. He participated in many speleological expeditions, from Nepal to Uzbekistan, Brazil, Argentina (Patagonia), Pakistan and many other countries. Furthermore, he worked as the scientific and technical co-ordinator in the Proyecto Naica, in Mexico. He also participated in ice cave research and exploration

in Iceland and Antarctica (South Shetland) and was involved in Victoria Land with Progetto Nazionale di Ricerche in Antartide.

As a crucial part of his caving activities, Giovanni was a member of the Italian national alpine and speleological rescue service (CNSAS) for many years, and was involved in multiple rescue operations. In 1981 he received the Medaglia d'Argento al Valor Civile for his contribution to the rescue of three people trapped in a cave.

He was a member of the steering board and of the scientific board of Associazione La Venta, devoted to underground exploration all over the world and, from 1994 to 1999, was president of the Italian Speleological Society. From 2009 to 2017 he was a member of the Bureau of the International Union of Speleology.

Always ready to share his experience, Giovanni dedicated himself throughout his life to dissemination, through a variety of tools (such as notes on caving bulletins, scientific articles, books, short stories, interviews, lectures, videos).

An author of many books and publications on cave techniques, cave monitoring and cave exploration, Giovanni's work has undoubtedly left a profound mark on speleology and karst research, at the national as well as at the international level.



Giovanni monitoring the air flow in a gypsum cave in Sicily using a 'technologically advanced' tool (November 2016; photograph by C. Chiappino).