

Subject: MISCA Gold Medal

**The MISCA 2019 Gold Medal has been awarded to Dr. Ángeles Monge
Bravo, Research Professor of the CSIC at the Materials Science
Institute of Madrid**



The jury has recognized the extraordinary contribution of Professor Monge to the development of new materials and metal-organic architectures, especially in their characterization through the advanced use of crystallographic techniques.

Madrid, 3rd June 2019.- The Specialized Group of Crystallography and Crystal Growth (GE3C) of the Spanish Royal Chemistry (RSEQ) and Physics (RSEF) Societies, in conjunction with the Italian Association of Crystallography (AIC), on the occasion of their joint scientific meeting called MISCA (Meeting of the Italian and Spanish Crystallographic Associations), has awarded the **MISCA Gold Medal 2019** to **Professor Ángeles Monge** in recognition of her extraordinary contribution to the development of Material Science, especially for her intelligent application of crystallographic methods in the characterization and development of new materials with metal-organic architectures (MOFs) with interesting pre-designed properties.

The committee that evaluated the different proposals, formed by Prof. Juan Manuel García-Ruiz (IACT, CSIC, Granada), Simona Quartieri (Università di Messina, Italy) and Carlo Mealli (CNR, Florence, Italy), decided to award the MISCA Gold Medal highlighting the leadership that Prof. Monge has exercised in the Research Group of Multifunctional and Supramolecular Materials of the Institute of Materials Science of Madrid (CSIC), having reported numerous contributions of extraordinary scientific relevance as the introduction of the **first microporous zeotypes of germanium**, the description and structural characterization of **compounds with completely new oxidation states (Zn +1)** or the **broad and novel chemistry developed by their group in the synthesis of new MOFs** (metalorganic frameworks).

The intense research work of Professor Angeles Monge is reflected in more than 300 high impact publications, several book chapters and a considerable number of patents. Professor Monge also collaborates with numerous national and international research groups, among which we can mention her fruitful collaboration with Professor Omar Yaghi of the University of Berkeley, in whose laboratories she has made several stays as guest professor.

There are also numerous her contributions as guest lecturer, such as those conferences given at the Reticular Chemistry Center (California, USA), at the Berzelii Center EXSELENT on Porous Materials (Stockholm University), at the University of San Luis (Argentina), at the Ramón Areces Foundation (Madrid), at the Congress of the Spanish Zeolite Association (Valencia) or the plenary lesson given at the 24th Meeting of the European Crystallographic Association in Istanbul (Turkey).

In addition to her excellent and extensive research activity, Prof. Monge has developed a great work as manager in charge of the Vicerectorate of Research and Postgraduate of the Menéndez Pelayo International University, between 2007 and 2011, having made a notorious boost of the scientific areas scientific directly related to Crystallography and stimulated the dissemination and international collaboration in this discipline.

The formal ceremony of the MISCA Gold Medal will be held at the opening session of the next MISCA meeting, next September 3, in which Dr. Monge will give the inaugural MISCA lecture. The next MISCA congress will take place in the city of Naples (Italy), between the 3rd and the 7th of September. In this meeting, a large part of Italian and Spanish researchers working in different thematic areas,- in which Crystallography occupies a preponderant role,- will meet. More than 300 scientists from both associations of crystallographers will meet with a program that includes 4 plenary lectures, 7 thematic microsimplia with more than 30 oral contributions and two poster sessions.