

Current problems and opportunities in Artificial Intelligence applications

To promote and strengthen Italian-German relations in a European perspective, the Villa Vigoni Italian-German Center for European Dialog (<https://www.villavigoni.eu/>) in collaboration with SIGN, the network of Italian scientists in Germany (<https://sign-network.eu>), organizes a scientific conference on recent developments of Artificial Intelligence with particular reference to applications and social implications. The conference is held on 21 and 22 July 2023, and comprises about ten 30-minute presentations with ample opportunities for discussion in session as well as convivial. The speakers, German and Italian, study the different applications and implications of Artificial Intelligence. The conference is by invitation only and is limited to 20 participants.

Speakers

Giuseppe Amato, head CNR AI Media&Humanities lab; humanities and multimedia

Serena Ammirati, professor U Roma Tre, Paleography and ancient texts

Fabio Ciotti, professor, U Roma Tor Vergata, Digital Literary Studies

Antonio Krueger, Head of DFKI

Giuseppe De Pietro, Head of Partenariato Esteso AI PNRR

Giovanni Felici, director IASI-CNR; AI in optimization and bioresearch

Wojciech Samek, Professor at TU Berlin, Director Heinrich Hertz Institute; Trustworthy AI

Vincenzo Valentini, Professor U Cattolica Rome and Osp. Gemelli; AI health diagnostics and big data

Alessio Gagliardi, professor, TU München, AI in materials science

Speaker TBD on cultural heritage (Germany)

Other participants

Gianaurelio Cuniberti, executive director, SIGN; professor, TU Dresden

Vincenzo Fiorentini, science attachè, Italian Embassy Berlin; board member, SIGN; professor, U Cagliari

Chiara Franceschini, board member, SIGN; professor, LMU Munich

Emanuele Gatti, board member, SIGN; professor, TH Dessau; president, ITKAM

Sandro Moraldo, professor, U Bologna, president Alumni DAAD Italia

Matteo Pardo, CNR, International Relations Office

Francesca Zilio, researcher, Villa Vigoni

2 institutional representatives (TBD)