

June 9-11, 2020

16:00-17:45 (Italian time)

Are we alone in the Universe?

III Italy-Ukraine Scientific Meeting



Ambasciata d'Italia
Kiev



**ХАРКІВСЬКИЙ НАЦІОНАЛЬНИЙ
УНІВЕРСИТЕТ імені В. Н. КАРАЗІНА**

A virtual conference on the occasion of the Italian Research Day in the World

organized by the Italian Embassy to Ukraine (Kiev), V.N.Karazin Kharkiv National University (Ukraine), and INAF-National Institute of Astrophysics (Italy)

In the last few years, under the stimulus of the Italian Embassy in Ukraine and with the essential contribution of the Italian National Institute of Astrophysics and the V.N.Karazin Kharkiv National University, the collaboration between Italian and Ukrainian scientific and academic institutions has developed significantly, with mutual advantages, especially in the field of astrophysics and cosmology.

Both in 2018 and in 2019 two meetings were organized on the occasion of the Day of the Italian Scientific Research, with the purpose of informing a large audience and attracting the younger generation to scientific disciplines. The meetings were both held at V.N.Karazin University in Kharkiv with the participation of Italian and Ukrainian scientists and academicians.

Motivated by the common interest in ground and space-based researches and stimulated by last year award of the Nobel Prize to Michel Mayor and Didier Queloz for their discovery of the first extrasolar planet just 25 years ago, we decided to dedicate this year's Conference to debate the question: "Are We Alone in the Universe?", approached from different angles: scientific, technological, philosophical, sociological, legal, historical, biological, futurological, theological, and many more.

The COVID-19 emergency, which made traveling impossible, brought us to change the format of this third conference. The webinar solution turned out to be a challenge and an opportunity at the same time: a challenge because of the need of exploring and making the most of new communication tools; an opportunity since the web allows us to reach a far larger audience in different countries. The scientific contributions by a plurality of outstanding specialists speaking a language understandable by non-experts, will be delivered on the web with subtitles in Italian, Ukrainian, and English in order to facilitate the fruition.



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Program of the virtual conference



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June 9, 2020

16.00-17.45 (Italian time)

Chairperson: Elena Bannikova

Professor of Astronomy, V.N. Karazin Kharkiv National University

Who owns outer space?

Davide La Cecilia

Ambassador of Italy to Ukraine

Answer to the question: are we alone in the Universe?

Yaroslav Yatskiv

Director of the Main Astronomical Observatory of the NAS of Ukraine, Kiev

The infinite worlds from myth to science

Massimo Capaccioli

Emeritus Professor, Naples University Federico II

Lunar outpost for meeting aliens

Vadym Kaydash

Director of Institute of Astronomy of V.N. Karazin Kharkiv National University

New tools for the quest of extraterrestrial life

Filippo Zerbi

Scientific Director of INAF, Rome

Is technological civilization unique?

Jakov Tararoev

Professor of Philosophy, V.N. Karazin Kharkiv National University



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June 10, 2020

16.00-17.45 (Italian time)

Chairperson: Elena Bannikova

Professor of Astronomy, V.N. Karazin Kharkiv National University

Pulsars, fake aliens

Nichi D'Amico

President of INAF, Rome

Communication in space

Leonid Lytvynenko

Honorary Director of Institute of Radio Astronomy of the NAS of Ukraine, Kharkiv

The exploration of the Universe through gravitational waves

Marica Branchesi

Professor at Gran Sasso Science Institute and President of the International Astronomical Union's Gravitational Wave Astrophysics Commission

One Can Never Build Without a Dream! (S.Korolev's Secret)

Iryna Dyachuk

Director of S. Korolev Museum of Cosmonautics, Zhytomyr

Hunting extrasolar planets with Cheops

Giampaolo Piotto

Professor of Astronomy, Padua University, and member of Cheops Board

Roberto Ragazzoni

Director of the Padua Observatory, and Cheops Telescope Instrument Scientist

Universal solitude and theology of hospitality

Oleksandr Filonenko

Professor of Philosophy, V.N.Karazin Kharkiv National University



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June 11, 2020

16.00-17.45 (Italian time)

Chairperson: Elena Bannikova

Professor of Astronomy, V.N. Karazin Kharkiv National University

Waiting for the Big Contact: the need for exosociology

Vil Bakirov

Rector of V.N. Karazin Kharkiv National University

Plurality of Worlds and Christian Faith

Giuseppe Tanzella Nitti

Professor of Fundamental Theology, Pontifical University of the Holy Cross, Rome, and Vatican Observatory

**SETI Program in Modern and Postmodern Culture:
Philosophical and Cultural Dimensions of the Contact Problem**

Anatoliy Tshedrin

Professor of Philosophy and Political Science, Kharkiv State Academy of Culture

SETI program for the search for extraterrestrial life

Stelio Montebugnoli

Emeritus Senior Engineer at INAF-IRA and INAF Special Advisor for SETI

Kharkiv, the city of space

Volodymyr Salenkov

Doctor honoris causa of V.N. Karazin Kharkiv National University, Kharkiv



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