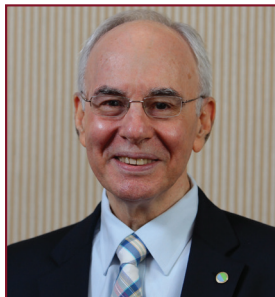




The Academy's Newly Elected Officers



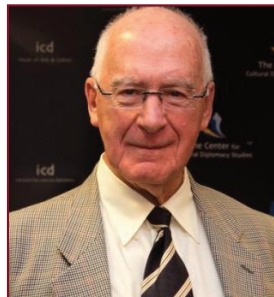
Garry Jacobs
President & CEO



Donato Kiniger-Passigli
Vice-President



Nebojša Nešković
Secretary General



Ivo Šlaus
Honorary President



Alberto Zucconi
Chairman



Natalia Pogozheva
Acting Treasurer



Mila Popovich
Chair, Nominations & Evaluations



Janani Ramanathan
Chair, Evaluations Sub-Committee



Elif Çepni
Chair, Membership Communications

UN-WAAS PROJECT



World Academy of
Art and Science

Global Leadership Survey

We seek to learn from successful leadership initiatives of the past in order to devise and refine more effective strategies for the global community to advance on humanity's urgent priorities. Please share your valuable experiences so that all can benefit. [Click here](#) to access the survey form.



United Nations
Office at Geneva
UNOG

Contents

- **Belgrade General Assembly Report**
- **Mission of WAAS in the 2020s** by Garry Jacobs
- **Serbian Association of Economists becomes new WAAS Center**
- **Towards a New, Dynamic and Inspiring Leadership** by Donato Kiniger-Passigli
- **Your Academy Needs You** by Alberto Zucconi
- **Towards Collective Accomplishment** by Mila Popovich & Janani Ramanathan
- **Your Ideas are Important to us** by Elif Çepni
- **Message from the Outgoing President Heitor Gurgulino de Souza**
- **Upcoming Event: Roundtable on the Process of Social Transformation, IUC, Dubrovnik**
- **Organization of WAAS in 2020**
- **WAAS General Elections** by Nebojša Nešković
- **New Fellows**
- **From the WAAS Archives**
- **Editorial Mission of Eruditio**
- **Upcoming Event: International Conference on The World between Yesterday & Tomorrow, MASA, Podgorica**

Belgrade General Assembly



The Academy convened a General Assembly of Fellows in Belgrade on November 14, 2019 immediately following the completion of the 4th International Conference on Future Education. A total of 38 WAAS Fellows and 10 guests participated. The Assembly began with the announcement of the results of the election of WAAS Officers by the Board of Trustees on the 14th morning as shown in the photos on page 1 [Elif Çepni's election was confirmed electronically on Dec 6]. See the report of the Secretary General for details of the general election.



The Board and members present expressed their gratitude and that of the entire Academy to **Heitor Gurgulino de Souza** who completed his second term as President at the end of November 2019 and has been unanimously elected as Honorary President and member of the newly constituted Strategic Advisory Council. Over the last decade he has played a key role in the development of the Academy, first as Chair of the Election Commission during a critical transition period in 2011, through the establishment of the World University Consortium, and earlier this year by the awarding of consultative status to the Academy by UNESCO. The appreciation and gratitude of the Board and Fellows were also expressed to **Winston Nagan**, who retired last month after two terms as Chairman of the Board and Editor of *Eruditio Journal*.

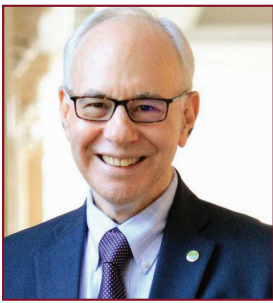
Reports were delivered regarding the 2019 activities of the Academy, including the VII Global Baku Forum: Global Leadership in the 21st Century; Roundtable on the Emerging New Civilization Initiative, Dubrovnik in collaboration with Club of Rome; International Conference on Approaching 20??, Podgorica in collaboration with MASA; Future Education India, New Delhi; 18th IEEE International Conference on Cognitive Informatics and Cognitive Computing, Milan; IEEE International

Conference on Systems, Man, and Cybernetics: Industry 4.0, Bari; Future of Capital Summit: Financing the UN Agenda 2030, New York; Future Capital: Financing Global Development, Washington DC; Fourth International Conference on Future Education, Belgrade; UN Project on Global Leadership in the 21st century; Inter Parliamentary Coalition for Global Ethics meetings in Rome, Paris and Salzburg; several conferences and events convened by the Institute for Advanced Studies in Levant Culture and Civilization, a WAAS Center of Excellence; the roundtable on Future of Money at Dubrovnik on Nov 18-20; and progress on building a network for development of the Master's Degree Course on Global Leadership.

Presentations were made of the Academy's two projects in collaboration with the United Nations. The Future of Capital Initiative (FCI) in association with the UN Office of Partnerships and UNCTAD was launched at the UN in New York on September 12-13, 2019 and has been followed by events co-organized by WAAS and FCI at World Bank in Washington DC on September 16-17 and in Dubrovnik on November 18-20. It will culminate in a major conference at the UN Headquarters in September 2020. The Academy expressed its appreciation to **Lawrence Ford** and the FCI design team for their leadership in the project. For more information [click here](#).

The Project on Global Leadership in the 21st Century is being jointly conducted in collaboration with the United Nations Office in Geneva. This project is an outgrowth of the Conference on Opportunities and Challenges for the 21st Century: Search For a New Paradigm co-organized by WAAS and UNOG at the UN in June 2013. The project was approved in May 2019 by former UNOG Director General **Michael Møller** and reconfirmed by the recently appointed Director General **Tatiana Valovaya** in October. It was formerly launched at UNOG by executive briefings of UN agencies, member-states and NGOs on November 8, 2019 and will culminate in a major conference at UNOG on October 27-28, 2020 on the occasion of the UN's 75th Anniversary followed by a submission of a formal report to the UN and development of outreach educational and media programs. For more information [click here](#).

Mission of WAAS in the 2020s



To be elected a member of WAAS carries with it honor and responsibility. Our eminent founders certainly were not in need of honors. But they did feel the need to accept responsibility. The Academy was born in the aftermath of a horrendous world war in which the power of science and technology played

an unprecedented, determinative role. It was established during the Cold War to affirm the social responsibility of knowledge creators and educators to promote a peaceful, prosperous world for all humanity.

It is now evident that disciplinary knowledge, specialized institutions, sectoral strategies and fractional policies are not sufficient to address the challenges confronting humanity today. Global society has evolved into a single, interconnected, complex system in which all people, places, forces, fields of activity and institutions are inextricably interlinked and interdependent. The perplexing problems and existential threats that need to be addressed defy remedy by partial disciplinary solutions. At stake is humanity's very survival and future evolution.

Challenges can be converted into opportunities, as the end of the two world wars served to unite humanity in a common effort to abolish war and colonialism and the end of the Cold War served to unite East and West as never before. The existential and humanitarian challenges we confront today are both a compulsion and an opportunity pressing us to evolve effective ideas, knowledge and institutions for global governance.

Historical experience confirms that organizations founded on even the most progressive ideals eventually become obstructions to further progress and must be either radically transformed or give way to new institutions inspired by a new vision and spirit. Today the world needs institutions that can transcend the barriers of self-interest, nationalism, parochialism, disciplinary expertise and specialized functioning united by universal values and capable of generating a global social movement of all humanity to promote the common good.

The World Academy is well-positioned to promote ideas and knowledge to spearhead that movement—catalytic ideas founded on the integration of all fields and forms of knowledge in the natural and social sciences, humanities and transdisciplinary knowledge of the processes governing social evolution and conscious social transformation. It requires a knowledge that complements and completes rather than contradicts or competes with what is already known.

The generation of new ideas attuned to the needs of a new age is rare. When it occurs, leadership with the capacity to make these ideas practicable is rarer still. When rendered practical, present institutions are unable to implement them. Today's youth are awakened and aspiring for change. Releasing and channeling their creative power

for constructive purposes requires a worldwide social movement.

Earlier revolutions were violent. Now that mankind is mentally developed, the next revolution can be achieved peacefully by the evolution of ideas. When the lessons learned during the economic crisis of the 1930s were forgotten, the crisis repeated in 2008 and the world narrowly escaped its worst consequences. Today the lessons learned during the 40-year Cold War are in danger of suffering the same fate. But the world possesses the knowledge and resources needed to avert repetition. A more mentally-developed humanity can convert our problems into opportunities.



Education is humanity's most developed institution for social evolution, but it is encumbered by the legacy of the past and struggles to reshape itself as a conscious instrument for global social evolution. Transforming education requires fostering a higher conception of reliable knowledge that is human-centered, trans-disciplinary, integrated, value-based, and evolutionary. It needs to be founded on a pedagogy that shifts the focus from the subject to the student, from abstract to contextual knowledge, from mental understanding to development of the whole mind and person, from socialization to independent thinking and creative individuality.

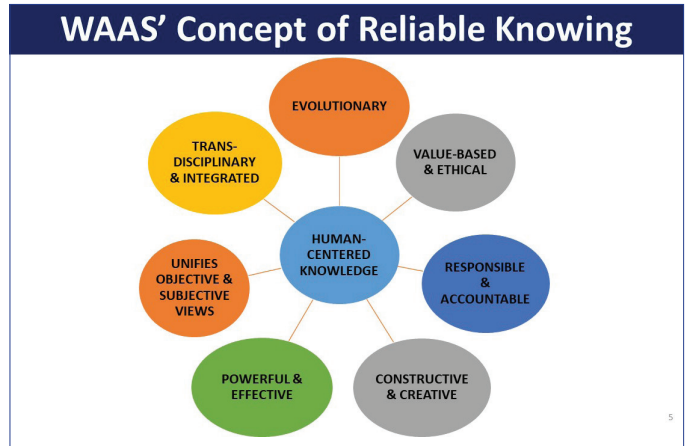
The Academy's current activities encompass issues related to science, technology, culture, ecology, economy, education, health, governance, law, leadership, media, peace, security, sustainability and many other subjects. They center on the vacuum in global leadership at a time when it is desperately needed to prevent a recurrence of a Cold War mentality; the future of finance and economy in conditions of widening inequality and persistent poverty; the double-edged sword of increasing technological advances; existential ecological threats; the serious limitations in the availability, affordability, quality and relevance of global education; and the need for new ideas,

new types of knowledge and new ways of thinking to foster humanity's social evolution.

I am honored and grateful for the confidence placed in me by the Board of Trustees to serve as the Academy's new President and Chief Executive Officer. Since my election to WAAS in 1995, as a trustee and Chair of the program committee in 2005, as Chair of the Strategic Planning Committee in 2009, and as Chair of the Board and CEO from 2011, the Academy has gone through significant transitions, but none has been so impactful and promising as the opportunities which are now presented to us. The Year 2020 will be the 60th anniversary of WAAS and will be marked by our collaboration with the United Nations on two major projects both in New York and Geneva, an international conference in Bucharest, as well as other important events in Mexico, Dubrovnik, Baku, Podgorica, Moscow and Washington D.C.

The Board of Trustees has selected a strong and experienced team to address the unprecedented opportunities opening up for WAAS to contribute. Our new Vice President, **Donato Kiniger-Passigli**, brings to the team both fresh perspectives and more than 30 years of practical experience within the UN system working on very challenging issues in different parts of the world. **Alberto Zucconi**, the new Chairman of the Board, is one of our longest serving Board members with in-depth knowledge of the values and culture of the Academy and the strengths of its richly diversified membership combined with four decades of research and effective application of scientific knowledge to promote wellbeing. **Nebojša Nešković**, who has completed two terms as Secretary General, has consented to continue his outstanding service for a third term.

In addition, **Natalia Pogozheva** has joined the Board as acting Treasurer, strengthening the Academy's financial capabilities in place of **Yehuda Kahane**, who is on medical leave. And the very important responsibility of identifying and evaluating prospective candidates to expand, enrich and diversify our membership and to strengthen communications with existing members has been placed under the direction of **Mila Popovich** as the new Chair of Nominations Committee, **Janani Ramanathan** as Chair of Evaluations Subcommittee, and **Elif Çepni** as Chair of Membership Communications Committee.



Continuity with the Academy's past is essential for preserving the vision, mission and values on which WAAS was founded 60 years ago. Therefore the Board has mandated the creation of a new Strategic Advisory Council of distinguished WAAS Fellows chaired by **Ivo Šlaus**, former President (2011-13) and Honorary President (since 2013). The Council will also include **Heitor Gurgulino de Souza**, former President (2013-19), newly elected as Honorary President; **Federico Mayor**, who was elected as a Fellow of the Academy during his tenure as Director General of UNESCO and has supported the activities of WAAS for three decades; and **Herwig Schopper**, former Director General of CERN and WAAS Trustee (2011-2019). I am also extremely pleased to inform the members that Federico Mayor has also been elected as Honorary President of the World University Consortium.

Combined with a more diversified team of newly elected and serving Trustees, I am confident that the Academy possesses the leadership capabilities and commitment needed to respond positively to the opportunities and challenges presented to us over the next few years. But we can do so only to the extent that we are able to engage, mobilize and harness the inexhaustible intellectual and social resources of the Academy's membership and partners. We invite, request and depend on our Fellows and our expanding network of centers and institutional partners to play an increasingly active and important role in working with us to fulfill the mission and objectives of the Academy.

Garry Jacobs
President & CEO



Serbian Association of Economists becomes new WAAS Center



A. Vlahović

On November 16, 2019, the WAAS Board of Trustees recognized the Serbian Association of Economists as an official Center of the Academy. The Association is a non-governmental and non-profit organization founded in 1947 with the aim of pursuing advancements in economic science and practice in Serbia. It brings together prominent economists from academic and business circles as well as the most important companies from real and financial sectors. Already WAAS and SAE have collaborated on three events in Serbia, the most recent being the 4th International Conference on Future Education this year. We value the contribution of SAE and look forward to our continued partnership.



D. Đurićin

Towards a New, Dynamic and Inspiring Leadership

“There is an urgent need to confront today’s existential, evolutionary, ecological challenges with a renewed sense of leadership. Leadership is needed at all levels in all fields. It must be inspired by higher values, visionary ideas, and awareness of untapped opportunities. It has to be energized by courageous individuals, innovative organizations and the rising aspirations of global society.”

With these words, **Garry Jacobs**, President of WAAS, launched the UN-WAAS initiative titled “Global Leadership in the 21st Century” in front of representatives of UN member-states, international organizations and civil society, at the Palais des Nations, Headquarters of the UN in Geneva, on 8th November.

The initiative consists of a multi-stakeholder, multi-sectoral project highlighting innovative strategies and effective principles to accelerate the emergence of dynamic leadership for successful implementation of the Sustainable Development Goals (SDGs). The project involves consultations with UN agencies, nation-states, business, scientific, research and educational institutions, civil society and youth organizations.

A two-day conference will be held in Geneva on 27-28 October 2020 to present and discuss the findings of the ongoing research and consultation process. The conference, which is expected to attract up to 800 participants gathering in a revamped and stylish conference room equipped with the finest technology, will focus on ways to shape and empower a new dynamic leadership, globally. It will coincide with the UN’s 75th anniversary, adding to the prestige and expectations surrounding this event. In addition, it is anticipated that an outreach campaign will be launched by the World Academy, followed by an educational program with a new pedagogic approach.

At the UN briefings (one with member-states and international organizations and another one with civil society organizations) Garry elicited participants’ views on critical questions and insights from past success stories, innovative leadership initiatives and perceived global challenges. The research and consultation phase of the project will cover areas such as governance, democracy and human rights; energy, ecology and climate change; economy, finance and employment; peace, security and disarmament, science and technology; education, health and social welfare. In sum, all fields concerning human development will be covered, according to the model adopted by WAAS through the “New Paradigm” initiative.

Leadership—as phrased by Garry at the UN—is needed to generate awareness of the unutilized global potential. Leadership is characterized by the vision, values and goals to be realized. The SDGs represent universal values and practical goals for all nations to strive for, but they are only one essential aspect of effective leadership. Effective strategies are required to mobilize, engage and align the efforts of different stakeholders of the global community. Inspiring ideas, individuals, innovative organizations and dynamic initiatives all have essential

roles to play. A broad-based social movement is also needed for rapid implementation at the global level.

The interactive UN briefings were an opportunity to bring potential partners into the fold of a highly ambitious project that will explore the interconnections of human

development and its challenges in depth. It was also the ideal setting to present to organizations active in various fields of human development the set of critical questions around which WAAS research will concentrate. Following the briefings, a survey has been sent to all member-states and international organizations seeking their views.

The two executive briefings were well attended and generated a lively debate with the participation of other WAAS Fellows: **Remus Pricopie**, Rector of the Romanian National University of Political Studies and Public Administration, Chair of the Scientific Council of ISACCL, and Vice President of the International Association of Universities (IAU); **Donato Kiniger-Passigli**, WAAS Vice President and Project Director; and **Ljudmila Popovich**, Head of Project Research and Development and Chair of WAAS Nominations Committee.

The debates, moderated by **David Chikvaidze**, Chief of Cabinet at UN Geneva and WAAS Fellow, and **Lidiya Grigoreva**, Head of the UN NGOs’ Section, served to identify additional areas undergoing profound knowledge transformation and stressed the need to consider attentively those phenomena, such as climate change and the rise of populism, that are rapidly changing universal scenarios and urge us to analyse and confront all variables in the evolution of the global village.

The outcome of the briefings indicates that the UN-WAAS partnership, inaugurated in 2013 and consolidated through the WAAS UN-ECOSOC consultative status and recent events in New York and elsewhere on subjects such as the future of capital and the future of education, has taken off and is moving towards even higher achievements. It also became clear that the tasks ahead require the maximum of collaboration at all levels and systematic coordination with partner institutions.

It is hoped that the WAAS-UN project will capture not just the essence of leadership but a coherent framework for positive mind-set transformation and human adaptation to the new challenges. This exercise will require the active participation of all WAAS members who are called to become testimonials and key-informants during the year-long research phase of the project. As drivers of change and its interpreters, we have the opportunity to suggest applicable concepts of leadership and a vision for the future.



Donato Kiniger-Passigli
Vice-President

Your Academy Needs You



Thanks to the relentless efforts of some of us, mostly WAAS' Board members, the activities and projects of our Academy have multiplied. We have expanded the number of significant partnerships and collaborating centers. We have been successful in becoming partners with the United

Nations on a multi-stakeholder, multi-sectoral project highlighting innovative strategies and effective principles to accelerate the emergence of dynamic leadership for the successful implementation of the SDGs.

We have created the sister organization [World University Consortium](#) (WUC) that is actively promoting a new paradigm in education and conducting an international conference every two years in different parts of the world.

We have a number of new and significant [projects](#). More than ever before, we need your help and creativity now to enable our Academy to manage these opportunities effectively.

What can you do?

You can help contribute to actualizing WAAS' mission in several ways. We would like to know from you and would like to hear your suggestions, offers of help, contributions, volunteering to work for a project etc.

You can contribute by

1. Raising funds for WAAS or for a specific project you want to support
2. Writing articles for our publications
3. Offering to work on one of our projects
4. Offering to serve on one of the Academy's committees
5. Identifying qualified, interested candidates for election as Junior, Associate and full Fellows of WAAS, speaking to them about WAAS and inviting them to WAAS events so we can get to know each other
6. Promoting knowledge of WAAS in your networks
7. Connecting influential people and organizations with the WAAS network
8. Sharing with WAAS resources that will help us all promote the Academy's mission
9. Proposing partnerships and collaborations with WAAS and other organizations you are engaged with
10. Adding a link to WAAS (www.worldacademy.org) on your personal and official websites
11. Adding information about free electronic subscriptions to WAAS publications (see below)
12. Offering your support, creativity, ideas and suggestions in other ways to improve our Academy.

What else?? We want to hear from you!! Please write to us with ideas, suggestions and concrete ways in which you can contribute. Email to support@worldacademy.org

Thank you and looking forward to your response and active involvement in your Academy.

Alberto Zucconi
Chairman of the Board

CADMUS



Cadmus is a biannual print and electronic journal focusing on economy, security and global governance. It is a journal for fresh thinking and new perspectives that integrates knowledge from all fields of science, art and humanities to address real-life issues, inform policy and decision-making, and enhance our collective response to the challenges and opportunities facing the world today.

ERUDITIO



Eruditio is a biannual electronic journal for examination of ideas and perspectives focused on the social consequences and policy implications of all forms of knowledge on a global basis. The vision of the e-journal complements and enhances the Academy's focus on global perspectives in the generation of knowledge from all fields of legitimate inquiry.

Click here to subscribe to free electronic versions of *Cadmus & Eruditio*

Towards Collective Accomplishment



Building new and active membership is vital for the thriving of WAAS and its future. It requires a proactive approach to identifying and engaging new candidates from diverse backgrounds to ensure diversity and inclusivity of our membership as well as vibrancy of its activities and potency of its

positive impact. It entails, equally, continual engagement of the current Fellows in promoting the purpose and values of WAAS in a manner that attracts high quality candidates and inspires them to serve our mission.

Nominations Committee (NomCom) is presently undergoing a process of restructuring of its constituency to boost and regenerate its activity and the representative capacities of WAAS. We have identified a group of Fellows ready to serve on the committee but continue to seek members for a stronger representation on both subcommittees of NomCom—the Nominations Subcommittee and the Evaluations Subcommittee. The purpose of the Nominations Subcommittee is to seek proactively meritorious candidates for Fellowship—a process that supplements and supports the regular nominations by Fellows. The current effort of this subcommittee is to promote diversity by nominating candidates for new membership from the underrepresented demographics, regions, and fields of interest. The task of the Evaluations Subcommittee is to do a thorough evaluation of the candidates according to a set and the Board-approved protocol.

We are seeking proactive Fellows who would serve on the committee and support this important process for the Academy. We want to use this opportunity to invite you to join the Nominations Subcommittee/Evaluations Subcommittee and, thus, contribute to the activities of the Academy as mandated by our Fellowship.

The tremendous pressures of the global challenges humanity faces today remind us that the WAAS membership is meant for so much more than recognition of individual achievements and remaining, as such, a mark of passive distinction. Rather, nomination for and induction into the Fellowship is meant to be an initiation of the future of our service to collective accomplishment. While we are thrilled to showcase the accomplishments of our Fellows, we are going beyond honoring individual pasts toward activation of our highest capacity to contribute to the collective future.

To ensure quality of new nominations and elevate the conditions for service, we are refining the nomination and election criteria and protocol to heighten the focus on global framework and social responsibility. The way we, as Fellows, approach, vet, develop relationships with potential

candidates and make a strong case for our nominees needs to be based on the full comprehension of the rights and responsibilities of the Fellows to commit to advancing the purpose, programing, and projects of WAAS.

Our capacity as a society to serve such advancement depends on the breadth of our representation and its upgrading. We need to expand the diversity of represented regions, social groups, and professional domains. To respond creatively and effectively to the intensities and the demands of our world today, we need to develop a wider representation in the arts and humanities and improve the distribution of experience and capacities reflective of the changing world and the need for transcending disciplines. We need more public servants, business leaders, journalists, performers, writers, designers, inventors, community organizers, and social artists. Most importantly, we need more young Fellows.

NomCom will dedicate extra efforts to seek and identify Junior Fellows in order to expand that category as the broad base of membership with candidates who are interested in contributing by conducting research, coordinating events, and providing support to the WAAS Administrative Staff. From this category, NomCom expects to engender the new, quality, highly committed WAAS membership and future leadership.

For a more comprehensive approach to introduction to membership, NomCom intends to disseminate more insight into and offer more education on WAAS history, mission, and values as well as current programming, projects, and partnerships. That way, not only will the potential candidates be informed about what the membership entails and will have an opportunity to familiarize themselves with WAAS even before the nomination is officially submitted but also will our Fellows get an opportunity to refresh our knowledge of the ideals and commitments built into the foundation of the Academy.



WAAS NEWSLETTER



WAAS publishes periodic Newsletters reporting on WAAS activities. To get free access to the WAAS newsletter and several articles and papers, please visit the [WAAS Publications](#) page.

Such education can open an enhanced space for and period of engagement with our potential nominees prior to the formal submission of nominations, in which nominators can determine the level of interest, capacity, and willingness of the candidates for the commitments of Fellowship. This process can enrich the outreach of the Academy and result in invitations of potential candidates to WAAS conferences, webinars, and publications with the aim to generate energizing exchanges of experience and expertise and serve as a beneficial exploration into potential nomination.

We expect such interactions and exchanges to further the development of WAAS projects, partnerships, and initiatives and lead to a vibrant, refreshed culture.

Through the current focus of the Academy on its year-long project with UNOG, “Global Leadership in the 21st Century” (GL-21), NomCom has a tremendous opportunity for leadership and membership development. The GL-21 project involves a broad spectrum of sectors, stakeholders, and consultative groups and is opening

prospects for NomCom outreach to candidates as well as upleveling of the engagement of the Fellows.

As we approach the celebration of the 60th anniversary of the founding of the Academy, we get to reflect on the role of WAAS in the 21st century and to see that the quality of its impact depends on the quality of the Fellowship built and evolved. Just as at the time of its founding, the intensities and the demands of our times are calling for higher quality leadership in service to honor the ideals that were built into the WAAS foundation—sincerity and seriousness of our sense of social responsibility and our commitment to serve humanity.

NomCom invites you to answer that call and bring new life force into the Academy and its vibrant future. We wish you a thriving 2020 and look forward to celebrating our anniversary and to building the Fellowship with you!

Mila Popovich

Chair, Nominations and Evaluations Committee &

Janani Ramanathan

Chair, Evaluations Subcommittee

Membership Communications Committee Report

Your Ideas are Important to us



Since its founding in 1960, the Academy has been bringing scientists, experts, academicians, and youth from different backgrounds and countries to discuss objectively and scientifically the common problems of humanity. By promoting cross-disciplinary dialogue and generating

original ideas, WAAS is creating policy implications that will address the many problems of humanity.

Each of us is proud to be a member of WAAS. The mission of WAAS is the mission of each of us.

Our leading force is our inquiring mind and a critical thinking ability; we are sensitive to local and global issues; we make significant contributions to scientific, technological, and cultural knowledge; and are strong supporters of universal ideas and values. Every culture provides a key to understanding the world. None can be lost. It would be a mistake to think that uniformity makes understanding easier: it simply masks differences.

There are many possible dangers and risks that humanity faces: climate change, a nuclear war, epidemics, the destruction of biodiversity, resource depletion, overpopulation and more. In the face of Artificial Intelligence and other scientific and technological

development, we must ensure that human values are incorporated in every aspect of our lives.

Education, science, culture and communication are pillars in the construction of a united human community and the foundations of sustainable development. To encounter current global threats and promote universal human welfare, we will work together, and use our collective intelligence to develop novel ways to solve real world problems. No country today is prepared to pay the bills that will be due in the near future.

To speed up the change we are looking forward to working together more. I would like to kindly ask you to:

- share ideas about the activities that you can do with us
- tell us about your research activities, publications, projects
- help us find local, national, international organizations that we can collaborate with
- help us expand our activities to a wider area through your active participation

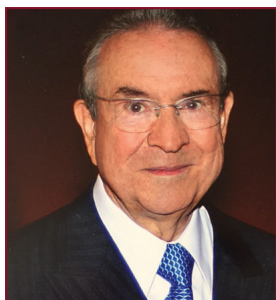
Membership Communications Committee looks forward to hearing about your original ideas and current activities. Your ideas are very important to us.

Elif Çepni

Chair, Membership Communications Committee

Editorial Staff

Vasugi Balaji, Latha Chandrasekaran, Janani Ramanathan, Ranjani Ravi, Vani Senthil and Ranganayaki Somaskandan



My first contact with WAAS was with President **Harlan Cleveland** when he visited the United Nations University (UNU) Headquarters in Tokyo—at the time I was the Rector of the UNU. He offered to nominate me as a Fellow to the Academy. I thanked him for his invitation but explained

that UN's Rules did not allow me to join such entities during my then term of office. I also added that upon return to Brazil, at the end of my term as Rector, I would certainly be very pleased and honoured to join WAAS. I immediately did join, on my return to Brazil by the end of 1997.

During the transition period in 2011, former WAAS President **Walter Anderson, Ivo Šlaus, Garry Jacobs** and six other trustees of WAAS requested me to serve on the Election Committee to supervise the general election of a new board of Trustees and officers of WAAS. The report we submitted was approved by Fellows and aided the transition to an exciting new phase in the history of the Academy. When Ivo Šlaus' term as President ended in 2013, I was elected as President of WAAS, for an initial term of three years, which was afterwards renewed.

These years at WAAS were really a wonderful period in my professional life. I have met many new colleagues from all corners of the world, we had several meetings, discussions and conferences with good results—all focusing on issues of importance for all of us. We have been able to advance our mission and goals, and I hope that those that will follow will continue to expand our mission and seek greater results.

In April 2011 I wrote an article for *CADMUS* titled "[Call for United Action](#)". In that article I proposed stronger links between WAAS, the Club of Rome and the Pugwash Movement, three organizations that have been working mostly isolated from each other for over 50 years. WAAS and Club of Rome have recently begun collaborating. I strongly believe that our "common voice" will be better heard all around the world. As a legacy I would like to see that this collaboration continues for years into the future.

During my two terms of office, WAAS continued to pursue many of its important projects such as:

- "[New Economic Theory](#)" (with the participation of 50 economists) which partnered to conduct five international colloquia at University of Brasilia (2015), University of Florida (2015), University of Lisbon (2016), Stellenbosch University (2017), and Universite' Paris Nord (2018);
- "Global Leadership in the 21st Century";
- Two conferences on "Anticipation, Agency and Complexity", at University of Trento, Italy, in 2015 & 2017;
- A series of 12 transdisciplinary Curriculum Development Roundtables at Inter-University

Centre, Dubrovnik on a wide range of new paradigm issues;

- WAAS welcomed the creation of ISACCL (The Institute of Advanced Studies in Levant Culture and Civilization) under the leadership of **Emil Constantinescu**, former President of Romania, as a WAAS Center of Excellence;
- And many other events held by WAAS, too numerous to list but equally important.

A very important initiative in which I was personally involved from day one was the establishment of the WORLD UNIVERSITY CONSORTIUM (WUC). The founders of WAAS in 1960 intended that it should function as an informal WORLD University—"at the highest scientific and ethical level, in which deep human understanding and fullest sense of responsibility will meet". It was not possible to create it at that time, but with the information and communications technologies available today it is certainly feasible. WUC was formally founded in 2014 at a meeting at the Library of Alexandria, in Egypt. It aims to promote accessible, affordable, quality education at the global level based on universal human values, relevant to the emerging needs of the 21st century, oriented to promote full employment and capable of developing the full potential of each individual student for personal accomplishment and contribution to the collective progress of humanity. This very important development has enabled WAAS to organize major International Conferences on Future Education. One was in Rome, Italy, in 2017 with 300 participants. The next was in Rio de Janeiro, Brazil, in 2018. I was one of the organizers of the Conference which had financial support from the Ministry of Education, financial and technical support from Fundacao CESGRANRIO, support from UNESCO in Brazil, and many others. The Conference was attended by 272 participants and had 40 Speakers. The most recent conference in the series was held in Belgrade in 2019 with over 90 speakers.

Another major effort, in which I was personally involved, was the re-establishment of relations with UNESCO in mid-2019. The achievement of consultative status for WAAS with UNESCO was the result of a six year effort that began with a request to **Irina Bokova**, then Director General of UNESCO, to reestablish cooperative relations which had been suspended nearly 20 years earlier. Combined with the accordance of special consultative status for WAAS with ECOSOC by the United Nations, in New York in 2017, it will be easier to have joint programs/projects with the UN, in New York, in Geneva, and other centers around the world. WAAS will have the possibility to maintain collaborative activities, Programs/Projects with UNESCO in Paris. Our colleague **Alberto Zucconi** will also join me as a WAAS Representative to UNESCO.

During my period as President of WAAS we held all the required periodic meetings of our Board of Trustees, as well as those of our Executive Committee. And we also discussed a WAAS Strategic Planning program for

the period 2020-2030. Special thanks goes to all my colleagues for their great support.

We should congratulate the Montenegrin Academy of Sciences and Arts in Podgorica for their initiatives to organize periodic special events in which we had the participation of WAAS Fellows.

We should also congratulate and express special thanks for the great support offered to WAAS & WUC by the Mother's Service Society in Pondicherry, India.

Our World Academy now has 692 Fellows, 45 Associated Fellows and 11 Junior Fellows, from 87 countries. We should make an effort to engage as Fellows more women, and more people from Latin America, Asia, and Africa. This will ensure equality and inclusion.

For 2020 WAAS already has some major events planned:

- In Geneva, **Garry Jacobs** and **Donato Kiniger-Passigli** will work with **Tatiana Valovaya**, the Director General of the United Nations Office at Geneva, and her staff on a major project on "Global Leadership in the 21st Century";
- In New York, with partners identified by **Garry Jacobs** and **Mila Popovich**, there will be a large meeting at the United Nations in collaboration with Future Capital Initiative.

There was a lot done in the past few years, thanks to the support of multiple individuals and organizations, to the passion and dedication of many of you. And I am sure that there will be even more to come in the future, as new generations join WAAS—those with the leadership drive and the engagement to take action towards enhancing our world.

I believe in renewals....It is time for me to leave this great group of people. I am confident that, with the work we have performed and the seeds we have planted, the best is yet to come. My time at WAAS has been an enormously exhilarating run...over several hurdles, with many victories and a great history of growth and success from many points of view.... I have learned much more than I ever expected.

So I would rather just say, to all my colleagues, loyal members, invaluable partners, and my friends—Thank You! Thanks to a smart, committed group, who provided knowledge, guidance and support for an agenda full of projects and risks-ladden changes. Thanks to the many people who gave me a chance, listened and acted in the same direction...also to those who helped me learn more about the complexity of this world and supported me in the early days. From creating new projects to opening frontiers....

Thank you.

No matter what the challenges are, WAAS has outstanding projects and a lot of people with passion, compassion and class. I am proud to have served and worked with all of you. I am grateful for all that you have taught me, from the seed I leave behind and for sharing with me a great opportunity....and great times. Due to my growing age (I have entered my 92nd Spring last August) I will retire from all my positions at the Academy. So I wish to express my sincere appreciation for the wonderful support I have received from all our Fellows.

Please continue to support our Academy.

Heitor Gurgulino de Souza
heitorgurgulino@gmail.com

Upcoming Event



WAAS in collaboration with the Club of Rome
Process of Social Transformation
March 9-11, 2020, Inter-University Centre, Dubrovnik



Rapid transformation of the global system is essential for addressing the challenges confronting humanity today. But in spite of long experience, the world lacks clear knowledge of how to spearhead the process of conscious social evolution. On March 9-11, 2020, WAAS is organizing a Roundtable on the Process of Social Transformation at Inter-University Centre, Dubrovnik, Croatia in collaboration with the Club of Rome to examine this issue. The outcomes of this meeting will provide content for the Academy's project with UNOG on Global Leadership in the 21st Century and the Club of Rome's Emerging New Civilization Initiative.



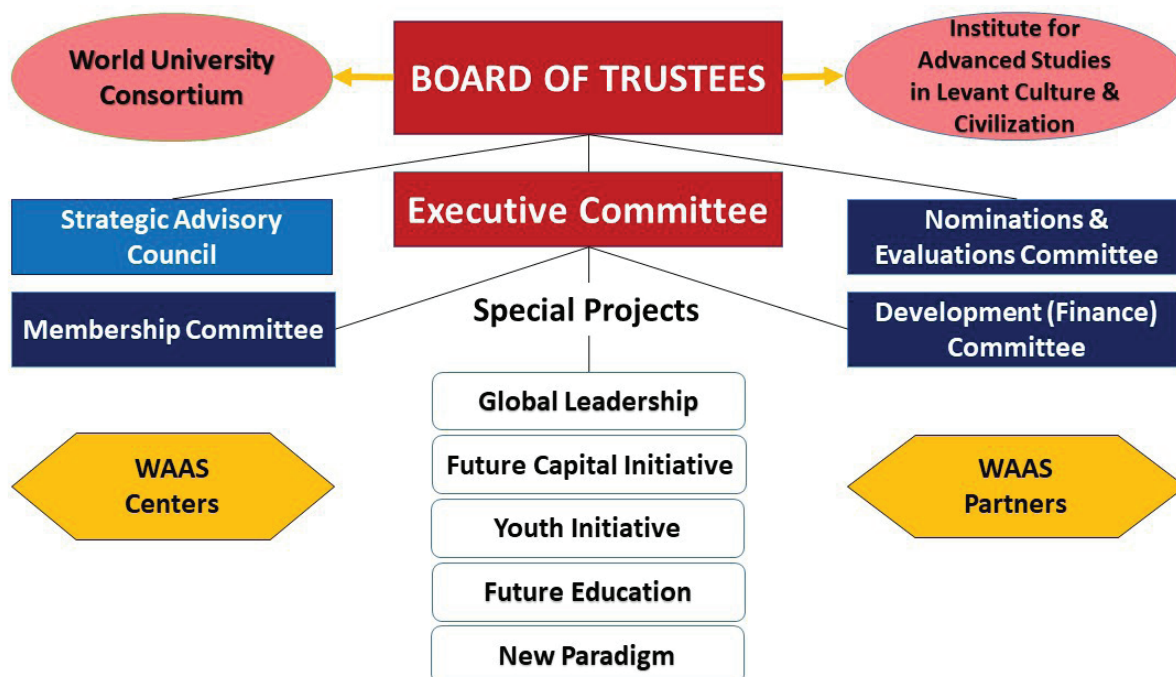
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Organizational Chart



The following is the description of the Organizational Structure of the Academy.

Elected and Appointed Officers

- Garry Jacobs, President and CEO
- Donato Kiniger-Passigli, Vice President
- Ivo Šlaus, Honorary President
- Alberto Zucconi, Chairman of the Board of Trustees
- Nebojša Nešković, Secretary General
- Natalia Pogozheva, Acting Treasurer
- Elif Çepni, Chair, Membership Communications Committee
- Mila Popovich, Chair, Nominations and Evaluations Committee
- Janani Ramanathan, Chair, Evaluations Subcommittee

Members of the Executive Committee

1. Garry Jacobs as the Chair
2. Rodolfo Fiorini
3. Donato Kiniger-Passigli
4. Nebojša Nešković
5. Rajendra Pachauri
6. Natalia Pogozheva
7. Mila Popovich
8. Thomas Reuter
9. Ivo Šlaus
10. Alberto Zucconi

Members of the Board of Trustees

1. Saulo Bahia
2. Zbigniew Bochniarz

3. Stefan Brunnhuber
4. Chandana Chakrabarti
5. Emil Constantinescu
6. Momir Đurovic
7. Fadwa El Guindi
8. Jüri Engelbrecht
9. Rodolfo Fiorini
10. Heitor Gurgulino de Souza
11. Erich Hoedl
12. Garry Jacobs
13. Yehuda Kahane
14. Donato Kiniger-Passigli
15. Winston Nagan
16. Nebojša Nešković
17. Rajendra Pachauri
18. Roberto Peccei
19. Thomas Reuter
20. Herwig Schopper
21. Ivo Šlaus
22. Tibor Tóth
23. Alberto Zucconi

Members of the Strategic Advisory Council

1. Ivo Šlaus as the Chair
2. Heitor Gurgulino de Souza
3. Winston Nagan
4. Herwig Schopper
5. Federico Mayor Zaragoza

WAAS representatives in the World University Consortium (WUC)

WAAS Fellows appointed as representatives of WAAS on the Board of Directors of the World University Consortium are

- Heitor Gurgulino de Souza
- Garry Jacobs
- Remus Pricopie
- Marcel van de Voorde and
- Alberto Zucconi

In addition, the following WAAS Fellows serve on the Board of WUC representing other charter members of the Consortium:

- Emil Constantinescu (ISACCL)
- Federico Mayor (Foundation for a Culture of Peace)
- Mila Popovich (Global Education Futures)

- Janani Ramanathan (The Mother's Service Society)
- Ismail Serageldin (Library of Alexandria) and
- Kakha Shengelia (International Association of University Presidents)

WAAS representatives in the Institute for Advanced Studies in Levant Culture and Civilization (ISACCL)

Representatives of WAAS appointed by the Board of Trustees to the Scientific Council of the Institute for Advanced Studies in Levant Culture and Civilization in Bucharest, a WAAS Center of Excellence, are

- Heitor Gurgulino de Souza
- Garry Jacobs
- Nebojša Nešković
- Tibor Tóth and
- Alberto Zucconi



In Belgrade, the WAAS Board of Trustees honored Secretary General **Nebojša Nešković** with a special certificate of appreciation for his outstanding service to the Academy and the world.

WAAS General Elections

The results of the latest general elections of the World Academy of Art & Science, which began on March 7 and ended on October 31, 2019, are the following:

The Plenum elected as Trustees **Donato Kiniger-Passigli** on July 1, 2019; and **Fadwa El Guindi, Rodolfo Fiorini** and **Thomas Reuter** on October 31, 2019.

The Board of Trustees of the Academy elected Associate Fellow **David Chikvaidze** as Fellow of the Academy on March 20, 2019. The Plenum of the Academy elected **Olivia Bina, Tomas Björkman, Mariana Bozesan, Susan Clark, Uroš Cvelbar, Antonio de Araujo Freitas, Obiora Francis Ike, Mariana Georgieva Todorova, Francisco González de Posada, Ivan Gušić, Jesús Alfredo Jiménez Barros, Marc Lavoie, Daphna Margolin, Velimir Neidhardt, Charles Norchi, Pascal Petit, Mila Popovich, Janani Ramanathan, Andrea Renda, Pavao Rudan** and **Ljubiša Stanković** as Fellows on July 1, 2019.

The Board elected as Associate Fellows of the Academy **Rovshan Muradov** and **Rza Aliyev** on March 7, 2019; **Piero Dominici, Alberto Gasparini, Peta Milan** and **Surendran Santhakumari Sreejith** on April 7, 2019; and **Diego Bravar, Mauro Guerra, Hrvoje Kraljević, Izet Mašić** and **Dario Vretenar** on May 15, 2019. Also, on April 27, 2019, the Board reelected **Olena Bekreniova** and **Adam Koniuszewski** as Associate Fellows.

The Executive Committee of the Academy elected **Samantha Manausa** as Junior Fellow of the Academy on March 28, 2019.



Nebojša Nešković
Secretary General

Fellows Elected in June 2019



**OLIVIA BINA
(PORTUGAL)**

Principal Researcher, Institute of Social Sciences, University of Lisbon, Portugal; Adjunct Professor, Chinese University of Hong Kong; Director, MISTRA Urban Futures.



**TOMAS BJÖRKMAN
(UK)**

Founder and Chair, Ekskåret Foundation, Sweden; Founder and Chair, Perspektiva Institute, England.



**MARIANA BOZESAN
(GERMANY)**

Co-Founder and President, AQAL Capital & AQAL Foundation; Full Member & Co-Chair, Nominations Committee, Club of Rome.



**DAVID CHIKVAIDZE
(SWITZERLAND)**

Chef de Cabinet, Director-General of the United Nations Office at Geneva (UNOG); Former Senior Advisor to UN High Commissioner for Human Rights, Switzerland (Elected by the Board).



**SUSAN CLARK
(USA)**

Adjunct Professor, Wildlife Ecology and Policy Sciences, Yale School of Forestry & Environmental Studies, USA; Fellow, Institution for Social & Policy Studies, Yale University.



**UROŠ CVELBAR
(SLOVENIA)**

Senior Researcher, Department of Surface Engineering and Opto-electronics, Jožef Stefan Institute, Slovenia; Chair, "iPlasmaNano".



**ANTONIO DE ARAUJO FREITAS
JÚNIOR (BRAZIL)**

President, Education Quality Accreditation Agency (EQUAA); Member of the Board, The Central and East European Management Development Association (CEEMAN).



**FRANCISCO GONZÁLEZ DE
POSADA (SPAIN)**

Professor of Applied Physics, Polytechnic University of Madrid, Spain; President, Friends of Scientific Culture, Santander.



**IVAN GUŠIĆ
(CROATIA)**

Head of Institute of Quaternary Paleontology and Geology, Croatian Academy of Sciences and Arts, Croatia; Professor Emeritus, University of Zagreb, Croatia.



**OBIORA FRANCIS IKE
(NIGERIA)**

Professor of Ethics and Peace Studies, Godfrey Okoye University, Nigeria; Member, Club of Rome and European Academy of Sciences and Arts.



**JESÚS ALFREDO JIMÉNEZ
BARROS (PANAMA)**

Technical Coordinator, Latin American & Caribbean Parliament; Inter-American Planning Society, IAPS. Ecuadorian Planning Society (SEP).



**MARC LAVOIE
(CANADA)**

Emeritus Professor, Department of Economics, University of Ottawa, Canada; Emeritus Professor, Université Paris 13, Centre d'Économie Paris Nord (CEPN), France.



**DAPHNA MARGOLIN
(ISRAEL)**

Eco-Tech artist; Chairman of the "Alma" Ecological Awareness and Involvement, Israel; Member, The International Association of Art.



**VELIMIR NEIDHARDT
(CROATIA)**

Professor, Faculty of Architecture, University of Zagreb, Croatia; President, Croatian Academy of Sciences and Arts.



**CHARLES NORCHI
(USA)**

Chair, Graduate Law Programs; Director, Center for Oceans and Coastal Law, Benjamin Thompson Professor of Law, University of Maine School of Law, USA.



**PASCAL PETIT
(FRANCE)**

Economist, Director of Research Emeritus, C.N.R.S, France; Chair, XV International Colloquium held at Paris in May 2018.



**MILA POPOVICH
(USA)**

Founder, EVOLving Leadership; Associate expert at the 7th Research Framework Programme, European Commission; Chair, Nominations & Evaluations Committee, WAAS.



**JANANI RAMANATHAN
(INDIA)**

Senior Research Analyst, The Mother's Service Society, India; Assistant Editor, *Cadmus* Journal.



**ANDREA RENDA
(CROATIA)**

Senior Research Fellow and Head of Global Governance, Regulation, Innovation and the Digital Economy, CEPS; Chair of Digital Innovation, College of Europe.



**PAVAO RUDAN
(CROATIA)**

Professor Emeritus, Institute for Anthropological Research, University of Zagreb, Croatia; Secretary General, Croatian Academy of Sciences and Arts; President, Euro-Mediterranean Academic Network (EMAN).



**LJUBIŠA STANKOVIĆ
(MONTENEGRO)**

Vice President, Montenegrin Academy of Sciences and Arts (CANU); Ambassador of Montenegro to the United Kingdom; Former Rector and President of the Board, University of Montenegro, Montenegro.

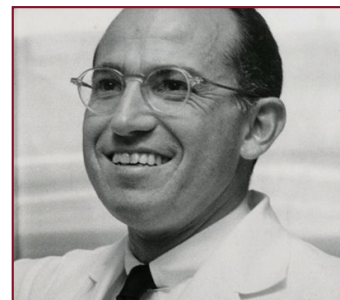


**MARIANA TODOROVA
(BULGARIA)**

Associate Professor, Bulgarian Academy of Sciences, Institute of Philosophy and Sociology; Former Member of Parliament, National Assembly of the Republic of Bulgaria.

From the WAAS Archives

“For me, art comes before science. We feel things before we know what we feel. That’s what I think the World Academy of Art and Science represents, even though we may not have known that was what was happening when it was formed and named. Nevertheless that is what was expressed, and after all these years has resulted in the coming together of like-minded people—people who metabolize experience in such a way, those for whom art is whatever it is they do.”



– **Jonas Salk (1914-1995)**
American Medical Researcher and Virologist;
Discoverer of the Polio Vaccine

Editorial Mission of *Eruditio*



Eruditio is a journal of the Fellows, by the Fellows, for the Fellows.

The vision of the Journal complements and enhances the Academy’s focus on global perspectives in the generation of knowledge from all fields of legitimate inquiry. The Journal also mirrors the Academy’s specific focus and mandate which is to consider the social consequences and policy implications of knowledge in the broadest sense. It has a vision that is meant to optimize the intellectual and scientific participation of the Academy’s distinguished members. Their participation is critical to the goals, values, and agenda of the Academy in the context of our current and anticipated global challenges.

The input of Fellows can make a significant contribution towards a responsible global conversation about the most important issues that implicate the survival of humanity and the idea of an improved human prospect for all. Fellows are invited to participate with their own well thought-out ideas appropriate to the objectives of WAAS. Please send your articles/book reviews/reviews of previously published articles for consideration to eruditio@worldacademy.org.

Ranjani Ravi
Associate Editor of *Eruditio*

Associate Fellows Elected in 2019



**RZA ALIYEV
(ANDORRA)**

Financial Advisor, Credit Andorra SA; Deputy Secretary General, Nizami Ganjavi International Center, Azerbaijan.



**DIEGO BRAVAR
(ITALY)**

Chairman & CEO, Biovalley Investments SpA; Member, Scientific Council, Consorzio AREA di Ricerca Scientifica e Tecnologica di Trieste.



**PIERO DOMINICI
(ITALY)**

Senior Professor, Sociology of Cultural & Communicative Processes, Department of Philosophy, Social and Human Sciences & Education, University of Perugia, Italy.



**ALBERTO GASPARINI
(ITALY)**

Professor, Urban & Rural Sociology, University of Trieste, Italy; President, International University Institute for European Studies; and General Secretary of the International Future Research Academy.



**MAURO GUERRA
(ITALY)**

Director, CEO presso Cassa Pensioni di Lugano (CPdL); Member, Scientific Committee, Centro di Studi Bancari di Lugano-Vezia and Swiss Association of Actuaries and the CFO Forum, Switzerland.



**HRVOJE KRALJEVIĆ
(CROATIA)**

President, Croatian Mathematical Society; Member, American and European Mathematical Society; Corresponding member, Croatian Academy of Sciences and Arts.



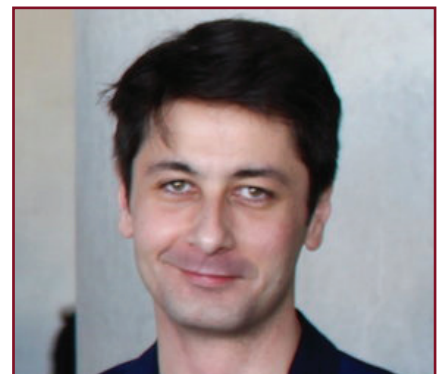
**IZET MAŠIĆ
(BOSNIA AND HERZEGOVINA)**

Full Professor, Medical Informatics and Family Medicine, Faculty of Medicine, University of Sarajevo and Faculty of Medicine, University of Zenica.



**PETA MILAN
(PORTUGAL)**

Chief Executive Officer, Transcendent Media Capital, Portugal; co-founding Director, Jade Eli Technologies.



**ROVSHAN MURADOV
(AZERBAIJAN)**

Secretary General, Nizami Ganjavi International Center, Azerbaijan.

Junior Fellow Elected in 2019



**S. S. SREEJITH
(INDIA)**

Chief Executive Officer, Global Institute of Integral Management Studies (GIIMS), India; Former Academic Head, London College of Business & Finance.



**DARIO VRETNAR
(CROATIA)**

Secretary General, Croatian Academy of Sciences & Arts; Member, Academia Europaea; President, Croatian Science Foundation; Member, NuPeC Long Range Plan Committee and of ISOLDE – CERNs.



**SAMANTHA MANAUSA
(USA)**

Research Assistant to Winston Nagan, Levin College of Law, University of Florida, USA; Director of Workshops, Center for Undergraduate Research Board of Students, University of Florida.

Upcoming Event

CALL FOR PAPERS



EUROPEAN ACADEMY
OF SCIENCES AND ARTS

WORLD ACADEMY
OF ART & SCIENCE

MONTENEGRIN ACADEMY OF SCIENCES AND ARTS

THE GLOBAL
ROUND TABLE

International Conference

The World between Yesterday and Tomorrow

Podgorica, 11–13 June 2020

Looking back in history can be understood as being stuck in the past, which can be detrimental in many ways. Can we and should we just forget and forgive all that has happened earlier? Looking back to see forward should be more desirable and necessary. What is holding us from moving forward? Possibility to understand life only backwards? Should we not be prepared to take advantage of opportunities when they arise? It has to be understood that even if we fall on our face we have to look forward to the future.

While the past can provide a sense of security, it does not define the future. On the contrary the future welcomes us with an incredible variety of choices. New knowledge followed by technology, new mobility, climate change, globalization, high urbanization and many more result in great changes in human behaviour and environment which often determines future in unknown and unpredictable ways. Obviously in a constantly changing world it would not be possible to move forward by mostly looking back and considering things of past.

It is not possible to go back and change anything in the past. On the contrary moving forward is unknown. Do humans have the power to move forward without appreciating history?

Topics

- Climate change and future
- Overpopulation and migration
- Nostalgia and future
- Globalization vs. Nationalism
- Technology and spirituality
- International cooperation
- Science, technology and life
- New challenges

Important dates

- 5 December 2019 The first call for papers
- 31 January 2020 Submission of abstracts (250 words)
- 20 February 2020 Approval of abstracts
- 31 May 2020 Submission of Full papers
- 11, 12, 13 June 2020 The conference
- 13 June 2020 Social day (excursion through Montenegro)

Local costs for participants with papers are covered by the Montenegrin Academy of Sciences and Arts.

For more information, please contact: nikolinac@canu.ac.me