

FEATURED STORY

ISTIME in Focus: GEC Set to Co-Host iCANX Davos Summit 2024 in July



**Innovation | Science |
Technology | Investment
Management |
Entrepreneurship**



We're thrilled to share that GEC Academy will be co-hosting the iCANX Davos Summit on July 11-12th, 2024, in Davos, Switzerland. This summit is set to shine a spotlight on groundbreaking innovations and cutting-edge discoveries in Innovation, Science, Technology, Investment, Management, and Entrepreneurship (ISTIME). It will be a vibrant stage, bringing together leading academics, scientists, researchers, innovators, and civil society representatives to showcase their latest achievements, insights, and leadership in the ISTIME fields. As part of our co-hosting efforts, GEC will hold a parallel session on *AI+: Frontiers, Trends and Talents Nurturing in Innovative AI Development* during the summit.



A Glimpse into Past iCANX Davos Summits: Images Sourced from iCANX

The upcoming iCANX Davos Summit 2024 will gather global talents from the ISTIME field to catalyze global science and technology advancement through collaborative innovation and knowledge exchange. We are delighted to partner with iCANX to sponsor and cohost the summit, recognizing exceptional contributions to research in innovation, science, and entrepreneurship, as well as showcasing excellence and innovation among researchers and encouraging further advancements and collaborations. [For more details about the summit, please visit the official iCANX website here.](#)

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A Glimpse into Past iCANX Davos Summits: Images Sourced from iCANX



A Glimpse into Past iCANX Davos Summits: Images Sourced from iCANX

GEC has been committed to driving scientific and academic research in the ISTIME fields since our establishment in 2016. And we've developed numerous initiatives and projects, including the Global Competence Development Project and the monthly Global Top Scientists Forum, and have collaborated with renowned universities worldwide to establish global joint innovative talent cultivation centers, university-level joint research centers, and international joint laboratories.

Building on our extensive practical experience, our upcoming parallel session will explore the societal impact of AI technology, examining how AI positively influences various domains, including engineering design, manufacturing science and technology, energy science, life science, public health, etc. We have also invited scholars, experts, scientists, and officials from international organizations from the interdisciplinary field of AI worldwide, alongside distinguished guests such as **Prof. Randy W. Schekman**, the 2013 Nobel Laureate in Physiology or Medicine, who has delivered several enlightening lectures at previous GEC Global Top Scientists Forums, and **Ms. Angela Kane**, former UN High Representative for Disarmament Affairs and Under-Secretary-General for Management in the United Nations. They will join us to explore the forefront and trends of relevant disciplines, as well as how to introduce effective governance mechanisms in AI applications to promote its healthy development and maximize its potential. We expect that this event will provide a networking opportunity for young scholars and scientists from various sectors and dimensions to exchange experiences and share the latest developments in their fields, shaping a future world guided by principles of humanity, scientific progress, and technological innovation.

- **For GEC Faculty and Teaching Fellow**

If you would like to share your invaluable insights regarding ISTIME with event participants, we would be delighted to hear from you. Please feel free to contact us at your earliest convenience if you'd like to join us at the iCANX Davos Summit.

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Exploring Global Challenges and Uncertainties: Insights from GEC March Global Top Scientists Forum with Professor Jonathan Michie

On March 13, GEC Academy successfully hosted the Global Top Scientists Forum featuring an insightful online open lecture presented by **Professor Jonathan Michie**, Professor of Innovation and Knowledge Exchange, Pro-Vice-Chancellor, and President of Kellogg College at the University of Oxford. With a theme of **Current Crises and How to Respond**, Professor Michie delved into the significant factors that impact global stability and sustainability, like climate change, widening wealth disparities, regional conflict, etc., and how these problems affect our normal lives. This lecture further led a constructive discussion on the underlying logic of these problems and provided practical coping strategies on what we can do to effectively tackle the global challenges we are facing today.



Professor Michie Introducing the Overview of the Lecture

In his compelling lecture, Professor Michie emphasized the interconnected nature of today's world, highlighting that **the instability currently affecting the global economy amid the trend of globalization extends beyond national borders and it is necessary to find a unified global response**. He asserted that perceiving globalization solely as either completely advantageous or disadvantageous is misleading. Instead, he advocated for a nuanced comprehension that acknowledges both the advantages and complexities inherent in this ever-evolving landscape of globalization.

While talking about **the relationship between the market force and regulations**, Professor Michie referenced the seminal work *The General Theory of Employment, Interest and Money* by John Maynard Keynes. He lauded Keynes' incisive perspectives and analytical methodologies, which still provide crucial guidance in navigating contemporary issues such as economic volatility, financial market instability, and the intricate challenges posed by globalization itself.

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Professor Michie Explaining Keynes's Arguments.

Regarding how to respond to global challenges, particularly in areas of climate change, sustainable urban development, and public health, Professor Michie emphasized the necessity for [global cooperation](#) for a significantly healthier and more sustainable future for all. He also highlighted the significance of [lifelong learning](#) as a key strategy in tackling these crises. Lifelong learning, he noted, is essential for equipping individuals with the adaptability, innovative mindset, and creative skills required to navigate our constantly evolving world. “We should all recognize the important role that universities have got to play in this whole process”, he added, “Universities contribute to the economy through their research, developing new products and processes, and that's important for all sorts of reasons, including developing more environmentally friendly products and processes.”

In the final segment of the open lecture, the Q&A session with Professor Michie sparked a dynamic exchange, addressing pressing economic issues. Students eagerly sought insights into achieving a smooth economic transition, strategies for China's real estate industry, and the EU's response to Brexit. Professor Michie's discussion was punctuated by Keynes remark, “There are all sorts of unknowns and uncertainties.” He emphasized the crucial role of long-term governmental vision and certainty in building confidence among consumers and investors, ensuring economic stability, as well as underscored the necessity of continual investments in education, innovation, and other sectors to fortify long-term economic confidence and resilience.

Moving forward, the upcoming GEC Global Top Scientists Forum will continue to offer students a unique opportunity to engage with renowned global scholars and experts, including Nobel laureates, officials from international organizations, and professors from esteemed universities all around the world. By providing open lectures focusing on cutting-edge technology and humanistic knowledge, we strive to contribute to cultivating a new generation of talent equipped with a global perspective and a sense of responsibility.

For those who might be interested in working with GEC, please feel free to contact our outreach specialist, Katrina, at katrina.wang@gecacademy.com. GEC faculty who are interested in giving a speech at the next Global Top Scientists Forum should contact their academic manager. For anyone who would like to access the recording of this lecture, please feel free to get in touch with us for the link.

GEC April Global Top Scientists Forum Briefing — The United Nations: History, Achievements, and Challenges



On April 10th, GEC Global Top Scientists Forum featured an insightful online lecture presented by Mr. Fabrizio Hochschild. He previously worked as Deputy to the United Nations Secretary-General’s Special Adviser for the Summit on Addressing Large Movements of Refugees and Migrants. **Mr. Hochschild captivated attendees with insights into the UN’s history and highlighted its successes over the past seventy-eight years, offering a clear understanding of the UN’s pivotal role in maintaining global peace and fostering sustainable development.** The lecture, which focused on the theme “The United Nations: History, Achievements, and Challenges,” drew an audience of over 2000 students.

- **Introduction to UN’s History and Structure:** Mr. Hochschild delved into the UN’s rich history, detailed the UN’s intricate organizational structure, explaining its functions and the roles of its various bodies and agencies;
- **UN’s Notable Contributions:** He underscored the UN’s competency in international affairs, showcasing its diplomatic efforts, peacekeeping missions, and humanitarian work worldwide, including tackling climate change, establishing a new international structure, and upholding world peace.
- **Pressing Challenges & Key Issues:** Mr. Hochschild discussed pressing challenges such as SDG performance, climate change ambition, global finance system reform, AI and digital cooperation governance, the new agenda for peace, and rejuvenating multilateralism.

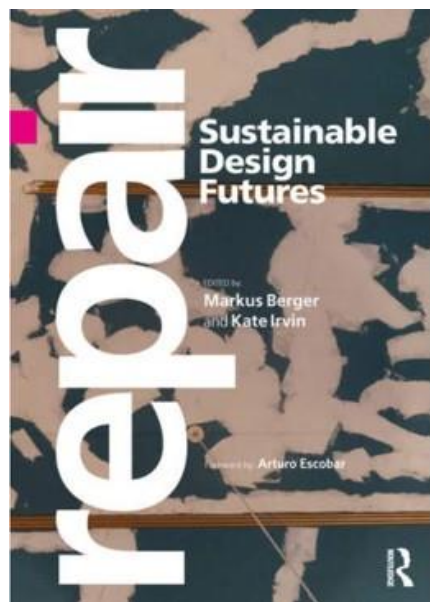
Faculty Work Gallery

*This month we introduced a **book** from **Professor Markus Berger**. If you are interested in showcasing your research, grants, book releases, conference presentations, or any work you deem valuable and interesting to share, please feel free to contact us.*

Repair: Sustainable Design Futures



Edited By [Markus Berger](#),
[Professor of Interior
Architecture at the Rhode Island
School of Design](#) and Kate Irvin



Description:

A collection of timely new scholarship, *Repair: Sustainable Design Futures* investigates repair as a contemporary expression of empowerment, agency, and resistance to our unmaking of the world and the environment. Repair is an act, metaphor, and foundation for opening up a dialogue about design's role in proposing radically different social, environmental, and economic futures.

Thematically expansive and richly illustrated, with over 125 visuals, this volume features an international, interdisciplinary group of contributors from across the design spectrum whose voices and artwork speak to how we might address our broken social and physical worlds. Organized around reparative thinking and practices, the book includes 30 long and short chapters, photo essays, and interviews that focus on multiple responses to fractured systems, relationships, cities, architecture, objects, and more.

Repair will encourage students, academics, researchers, and practitioners in art, design and architecture practice and theory, cultural studies, environment and sustainability, to discuss, engage, and rethink the act of repair and its impact on our society and environment.

Please click [HERE](#) to find more information about the book.

GEC CULTURE

The First GEC Quarter Birthday Bash Returns for 2024!

On March 28, 2024, GEC Academy was bustling with excitement as we hosted a delightful birthday celebration for every GECer born in the first quarter of the year at GEC Beijing, Shanghai, Shenzhen, Guangzhou, Suzhou, Tianjin, and Chengdu offices simultaneously. We presented carefully curated, lovely gifts, expressing our care and appreciation for each birthday star. For our colleagues stationed outside these cities, GEC made sure to send our birthday gifts by mail. We deeply believe that every GECer is unique and deserving of a special celebration, which is why we eagerly host these gatherings year after year. This seasonal event is our heartfelt way of showing appreciation and spreading joy amidst our busy workdays. It's also a meaningful opportunity for us to express our respect and value for each hardworking GECer.

At this year's spring birthday celebration, we went all out to prepare this visually stunning and appetite-satisfying feast that delighted all attendees. The setting was artistically adorned with a harmonious fusion of warmth and entertainment, offering a lavish spread of delectable treats, including mouth-watering cakes, exquisite pastries, and a variety of enticing specialty snacks.



The Birthday Cake and Well-Prepared Delicacies



Snacks and Sweets for the Birthday Bash

GEC CULTURE

The event culminated in a series of ingeniously devised games, such as the Draw and Guess, Shuttlecock Kicking, Pitch-pot Game, all of which captured every participant's enthusiasm. The Pitch-pot Game, especially inspired by the traditional Chinese game "Touhu", added an exceptionally thrilling element as players aimed arrows at a distant pot to score points. As part of the game, we prepared a range of delightful and lovely gifts for each participant, trying to offer a moment of relaxation and enjoyment in our hectic work lives.



Group Photos at the First Quarter Birthday Festivity

GECers are at the heart of everything we do, and they are the driving force behind everything we accomplish. Therefore, we are committed to fostering an inclusive GEC community where every individual feels truly valued and appreciated, whether they are based in bustling cities or remote locations, and no matter their roles within GEC. Looking forward, we'll continue to remain dedicated to celebrating the diverse talents and backgrounds of each GECer by organizing such events and activities, striving to build a society where every voice is heard and every person is empowered to succeed.

Introducing New Faces

We're pleased to welcome 2 new faces to the GEC team - **Yujia & Meining!**



Yujia CUI

yujia.cui@gecacademy.cn

01 Educational background:

Bachelor of Science in Accountancy,
Calvin University

02 What are your current duties?

I currently serve as the Program Manager for the Steam Squirrel, and I am responsible for the customization of both domestic and international field trip programs.

03 What made you choose GEC Academy?

My inclination towards education led me to choose GEC Academy for several compelling reasons. Notably, GEC is led by alumni from esteemed international universities, showcasing a commitment to academic excellence and a global outlook. I align with the values and educational philosophy embraced by GEC Academy, making it the perfect platform for advancing my career and making meaningful contributions to the realm of education.

04 What are your specialisms and interests?

Drawing from my experience in the educational industry, my interests encompass a wide range, bridging both creative and recreational realms. The amalgamation of my academic journey and professional background has equipped me with versatile skills. Outside of my academic pursuits, I am fervently committed to maintaining an active lifestyle through fitness, delving into diverse cultures and destinations through travel.

Introducing New Faces

We're pleased to welcome 2 new faces to the GEC team - **Yujia & Meining!**

01 Educational background:

Master of Arts in Media Communication,
the University of Melbourne;
Bachelor of Arts in English, Northeast
Normal University

02 What are your current duties?

As a member of the ASI Global Academic Branding Team, I am mainly responsible for creating corporate news content both in Chinese and English, ensuring smooth and effective cross-cultural brand communication.



Meining CHEN

meining.chen@gecacademy.cn

03 What made you choose GEC Academy?

GEC Academy boasts an excellent academic reputation and a promising future. The opportunity to join this highly competitive and visionary team makes me feel excited, as it enables me to integrate my learned expertise and interests into meaningful work.

04 What are your specialisms and interests?

I am interested in mental analysis and fascinated with all matters related to logical analysis. In my spare time, I often stay at home, immersing myself in reading books and watching films, as it not only helps me relax my mind but also enriches my knowledge and broadens my horizons. Besides that, I am really passionate about a wide array of cultural and artistic activities, such as stand-up comedy shows and dance dramas.



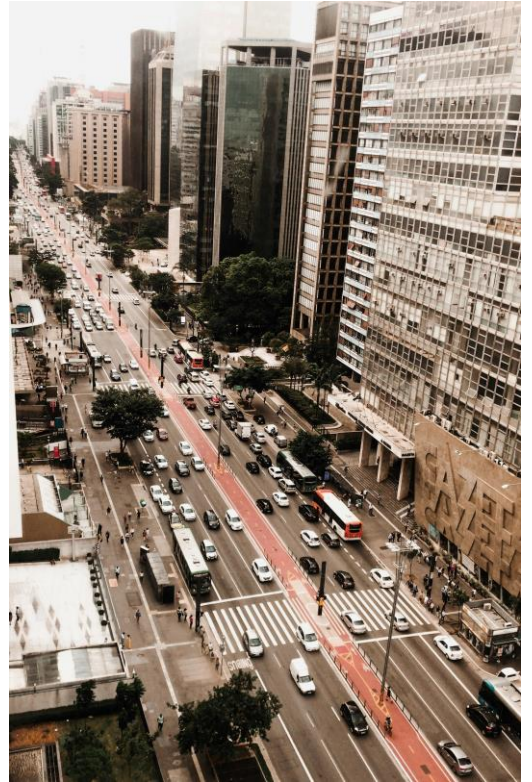
AMAZING WORK FROM GEC STUDENTS

Each month, GEC will introduce some of our exceptional students' work in a specific research area to our audiences. This month we selected two articles from our previous students in the field of **Urban Planning**.

Traditional and Advanced Technologies in Intelligent Transportation Systems

In the past decade, rapid urbanization and the increase in vehicles have worsened traffic conditions. Intelligent Transportation Systems (ITS) are considered an ideal solution to optimize urban transportation and tackle traffic challenges. This article comprehensively discusses the current development of basic and new technologies used in ITS. It includes specific subdivisions for these technologies, their application in ITS, as well as current and potential future challenges...

Click [HERE](#) to read the full text!



Prediction of Short-term Passenger Flow in the Metro Station with CNN-LSTM Model

Nowadays, the overwhelming majority of people choose to go to work during commuting time, causing great pressure on the traffic system. Methods of effectively predicting the short-term passenger flow of each subway station have aroused great concern. Traditionally, the LSTM deep learning model will be commonly used to process time series data. The reason is that it not only tackles the issue of long-distance reliance that RNN cannot deal with but also solves the trouble such as gradient explosion or gradient disappearance that are common in neural networks. However, in comparison to the LSTM model, the CNN-LSTM model makes it easier to extract the characteristics of time and space. Hence, it is necessary to evaluate which model has a better capacity for predicting passenger flow in metro stations...

Click [HERE](#) to read the full text!



Join Us at GEC Technical Sponsorship Conferences: Open Calling for Committee Members & Speakers



Since 2023, GEC Academy has taken immense pride in its role as a technical sponsor for a diverse array of international academic conferences, with a vision entailing both promoting interdisciplinary cooperation and nurturing an inclusive, collaborative educational environment that extends its benefits beyond the scientific community to society at large. **Hence, we are enthusiastic about extending invitations to more of our esteemed GEC Faculty members and Teaching Fellows, encouraging your active involvement as committee members or innovative speakers and storytellers**, who are passionate about sharing innovative ideas with the brightest minds, providing enriching insights, offering innovative experiences, and sharing real-world examples, among other valuable contributions to GEC technical sponsorship conferences.

We are thrilled to hear from our GEC faculty members, teaching fellows, teaching assistants (PhD holders), and scholars whose expertise aligns with conference themes and interdisciplinary intersections below. Please feel free to send your CVs, resumes, bibliographies, or personal links to the specific conference contact email for detailed information. For experts and scholars seeking technical sponsorship, who are passionate about initiating international conferences, and wish to contribute to global academic exchange, please do not hesitate to contact us at conference@gecacademy.com.

Upcoming Conferences

For April, we have one technical sponsorship conference covering the integration of data science principles into various fields, encompassing domains as diverse as healthcare, finance, environmental science, and beyond.

- April 19-21, 2024, Singapore
2024 International Conference on Data Science and Engineering (ICDSE 2024)
- The conference will spotlight cutting-edge research in data science methodologies, tools, and their diverse applications, along with the integral role of data engineering in the management and processing of vast and complex datasets. One of the distinctive features of this conference is its commitment to fostering interdisciplinary collaboration. It encourages the integration of data science principles into various fields, encompassing domains as diverse as healthcare, finance, environmental science, and beyond. A special emphasis will be placed on ethical considerations in data science and engineering.

Please click [HERE](#) to explore these exciting upcoming events!

WHAT PROGRAMS DOES GEC OFFER IN APRIL 2024 SEMESTER?

In April, GEC launches a total of 38 online research programs in the areas of Finance, Economics, Computer Science, Electrical Engineering, Environmental Engineering, New Energy Science and Engineering, Biomedical Science and so on, partners with Wuhan University, Southwestern University of Finance and Economics, Guizhou University and Lanzhou University to develop students' global competence through the GEC Global Competence Development Course. This month, GEC also provides 2 personalized programs for Chengdu University of Technology and Chengdu University of Technology and sets up 2 customized lectures for Southwest Jiaotong University and South China University of Technology. We will continue to gather students, faculty, and staff for an unrivaled academic experience.

The tables

[GEC 2024 April Program List](#)

[Universities offering GEC Global Competence Courses in April](#)

[GEC Personalized Programs for Universities in April 2024](#)

[GEC Customized Lectures for Universities in April](#)

shows detailed information about the programs that GEC launches in April.

Please click [HERE](#) to find previous program/course offerings.

Newsletter Improvement Survey

We would love to hear your thoughts or feedback on how we can improve your experience with our newsletter.

For your convenience, please click [HERE](#) to fill out the survey link.

GEC Academy

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