INSIDE THIS ISSUE:

1 Highlight ............................................................................................................................................. 2
  1.1 VYA Wiki Page .......................................................................................................................... 2
  1.2 Prof Nguyen TK Thanh Public Lecture ....................................................................................... 2
2 VYA member news .................................................................................................................................. 2
  2.1 IEEE ComSoc Summer School 2020 ......................................................................................... 2
  2.2 Achievement and Career Development Award ......................................................................... 2
  2.3 Invitation to Vietnam-Women in Business 2019 ..................................................................... 3
  2.4 VYA Community Publication ..................................................................................................... 3
3 Call for new members ............................................................................................................................ 4
4 Conference news .................................................................................................................................... 4
  4.1 Global Young Vietnamese Scholars Forum ............................................................................. 4
  4.2 13th International Conference on the Scientific and Clinical Applications of Magnetic Carriers .................................................................................................................. 4
  4.3 World Forum for Women in Science in Brazil ......................................................................... 5
5 Funding and award opportunities ......................................................................................................... 6
  5.1 European Research Council (ECR) Starting Grants ................................................................. 6
  5.2 Nomination for the Prince Philip Medal .................................................................................... 6
6 News on Global Young Academy ........................................................................................................... 7
  6.1 GYA members contribute to United Nations Global Sustainable Development Report 2019 ................................................................. 7
  6.2 GYA Research Leadership Workshop at Wolfson College, Oxford ....................................... 7
7 World Science Forum ............................................................................................................................. 7
1 Highlight

1.1 VYA Wiki Page

Global Young Academy is helping VYA to create a VYA Wikidata page: https://en.wikipedia.org/wiki/User:GlobalYoungAcademyTeam/Vietnam_Young_Academy. To help the process and save labour time, we request all VYA members to send your ORCID or google page to: Dr Nguyen Minh Nam (email: minhnam1984@gmail.com). Wikidata will automatically source all publications without anyone having to input manually.

1.2 Prof Nguyen TK Thanh Royal Society Rosalind Franklin Public Lecture

Following her receipt of the Rosalind Franklin award in July of this year, Professor Nguyễn Thị Kim Thanh will give the Rosalind Franklin Lecture on 'Nanomaterials from bench to bedside'. On October 29th 6.30 pm UK time.

“Michael Faraday synthesised gold nanoparticles back in 1856, so what is new? How could rust, which is magnetic, be used to diagnose and treat diseases such as cancer? How can different shapes of gold nanoparticle such as rods or stars help with killing bacteria on surfaces? Come to find out about Professor Nguyễn's interdisciplinary and innovative research on the design, synthesis, characterisation, and biofunctionalisation of plasmonic and magnetic nanomaterials for biomedical applications.”

The lecture will be webcast live from the Royal Society website, and a recording will be available soon afterwards in Royal Society YouTube channel. The event is free to attend.

2 VYA member news

2.1 IEEE ComSoc Summer School 2020

Dr Hoa Le Minh has successfully secured a funding ($15,000) for IEEE ComSoc School 2020 proposal. The Summer School will be four full days and it can be within one of the two proposed weeks: 10th - 16th August 2020, or 17th - 23rd August 2020. The event will be organised at School of Engineering, University of Glasgow (UoG), Glasgow, UK. The theme of this year will revolve around the emerging technologies for 5G-and-beyond development and deployment in the context of intelligent IoT and smart city. In addition, it will look beyond the current 5G-state-of-the-art to incorporate the power of AI, the efficiency of real time management and the huge potential of optical wireless spectrum in the next stage of developing a future wireless network.

2.2 Achievement and Career Development Award

Dr Hang T Ta was chosen as the recipient of the 2019 Achievement and Career Development
Award from the Australian Vascular Biology Society (AVBS). Following a comprehensive assessment of all applications relative-to-opportunity, by a panel of AVBS executive committee members, the judges were unanimous in their selection of the top candidate to receive the award in 2019.

Dr Hang Ta received the Award Certificate from Prof Natasha Harvey, President of the Australian Vascular Biology Society

2.3 Invitation to Vietnam-Women in Business 2019

Prof Nguyen TK Thanh was invited to Vietnam-Women in Business 2019 for a Panel Discussion on 2 October 2019. The event topic is “Telling the remarkable stories of the remarkable women of Vietnam: Vietnam – A story of Development, Opportunity and Potential”. This special panel discussion evening and drinks reception was organized by Vietnam-UK Women in Business Group and the Vietnam-UK Network to celebrate:

- The 46th anniversary of the Diplomatic Relationship between Vietnam and the UK
- The 100th anniversary of the Sex Disqualification Act
- The 101st anniversary of the Suffragette Movement
- The anniversaries of Vietnam National Day 2nd September, the Vietnam Entrepreneur Day 13th October and the Vietnam Women Federation 20th October

2.4 VYA Community Publication


3 Call for new members

We are inviting high quality applicants to join VYA. There are four application deadlines each year, which are on January 31st, April 30th, July 31st, and October 31st.

The deadline for the next application round is on October 31st, 2019. The application form and guideline are available on our [VYA website](http://vietnamyoungacademy.org). Please contact Dr To Thanh Loan (email: totloan@itims.edu.vn) for more details.

4 Conference news

4.1 Global Young Vietnamese Scholars Forum

The application is now open. [Click here](http://vietnamyoungacademy.org)

4.2 13th International Conference on the Scientific and Clinical Applications of Magnetic Carriers

The 13th International Conference on the Scientific and Clinical Applications of Magnetic Carriers will be on June 2-6, 2020 in London, UK, co-chaired by Prof Nguyen T. K. Thanh.

Magnetic particles of nano- and micro-sized dimensions are an area of intense research. To bring together scientists from chemistry, physics, medicine, biology, engineering and materials sciences and discuss in a collaborative manner the applications in technology, preclinical research and diagnostic and therapeutic medicine, conferences about this field have been organized every two year. In 2020, this conference will take place in central London, England at the University College London and cover the following topics:

Scientific Applications:
• Preparation and Modification of Magnetic Particles
• Characterization of Magnetic Particles
• Application in Cell Separation and Analysis
• Applications in Molecular Biology
• Magnetic Particle Imaging

Clinical Applications:
• Cancer Treatment
• Hyperthermia
• Magnetic Resonance Contrast Enhancement
• Drug Delivery

Nanotechnology Applications:
• Micromechanical Systems (MEMS)
• Magnetic nanotubes
• Self-assembled magnetic nanosystems

After every "Magnetic Carrier Meeting", meeting participants will be able to publish peer reviewed articles in a special journal issue that contains the most-up-to-date research in our area. **The deadline for the submission of these full papers will be July 11, 2020**, four weeks after the meeting.

For this year's 13th meeting, participant original research will be published with the "Journal of Magnetism and Magnetic Materials" (JMMM). This journal is well indexed and you can find your papers with search engines such as SciFinder, Google Scholar and other indexing services.

**4.3 World Forum for Women in Science in Brazil**

The upcoming World forum for women in science will be held in Brazil 2020 (4th international conference for women in science without borders initiative/network; WISWB). After three successful meetings in Africa, the conference will be transferred in 2020 outside Africa and organized by the Brazilian academy of sciences. The event will be held in Rio de Janeiro, Brazil from 10-14 February 2020 at the Brazilian academy of sciences and Museum of Tomorrow. The event will be divided into

1- Workshop: Skills for Communication and Leadership in a 5G World for young researchers from 10-11 February 2020, Rio de Janeiro, Brazil (venue: Brazilian academy of sciences)

2- 4th International Conference for Women in Science without Borders: Energy, Water,
Health, Agriculture and Environment for Sustainable Development; 12-14 February 2020, Rio de Janeiro, Brazil (venue: Museum of tomorrow)

The conference is multidisciplinary one (i.e. for medical sciences, physical sciences, engineering, agriculture, environment, innovation, sustainable development, etc) and open for both males and females. WISWB initiative and network were founded in 2016 to connect people (males and females) with science worldwide across all gender and cultural borders for the sake of sustainable development and the welfare of humanity. WISWB has annual event which has been named recently with (World forum for women in science). The expected participants of the WISWB events may include scientists, academicians (senior and young scientists), youth, industry, stakeholders, policy makers, etc on the way for a wider initiative of (science for all). WISWB is free platform to display cutting edge research and new ideas. WISWB is fast growing initiative with members over 40 countries. National Young Academy members can apply for this event. For further information and inquiries: www.abc.org.br/en/evento/wfwsbr20/, wiswb@gmail.com

5 Funding and award opportunities

5.1 European Research Council (ECR) Starting Grants

The European Research Council (ECR) Starting Grants is open. Researchers of any nationality with 2-7 years of experience since completion of PhD, a scientific track record showing great promise and an excellent research proposal can apply.

Starting Grants may be awarded up to € 1.5 million for a period of 5 years.

**Deadline 16 October 2019.** Details [here](#)

5.2 Nomination for the Prince Philip Medal

Nomination for the Prince Philip Medal is now open. The medal is awarded biennially to an engineer of any nationality who has made an exceptional contribution to engineering as a whole through practice, management or education.

**Deadline - 16.00 on Monday 18 November 2019.** Details [here](#)

5.3 Call for participation in an Erasmus+ project

Dr. Konstantinos Simeonidis from the Aristotle University of Thessaloniki, Greece, seeks a partner institution in order to submit an Erasmus+ project in the frame of the Action ‘Capacity Building in Higher Education’. The project will be about circular economy in relation with agricultural production and waste management.

There is a link from the previous year (below), but the link for the new call will be published soon.

If someone is interested, please send an e-mail to express your interest to:
Dr Konstantinos Simeonidis, e-mail: ksime@physics.auth.gr
Affiliation: Physics Department, Aristotle University of Thessaloniki, Greece.
The interest should be expressed until the 10th of November, 2019, to the above e-mail, and the projects will be submitted in January 2020.

6 News on Global Young Academy

6.1 GYA members contribute to United Nations Global Sustainable Development Report 2019

As a strong advocate of the implementation of the United Nations (UN) Sustainable Development Goals (SDGs), the Global Young Academy welcomes the release of the Global Sustainable Development Report 2019 (GSDR) titled “The Future is Now: Science for Achieving Sustainable Development”. The report is available here.

A complete list of the scientists involved in the report is available here:
https://sustainabledevelopment.un.org/gsdr2019#members

6.2 GYA Research Leadership Workshop at Wolfson College, Oxford

The GYA At-Risk Scholars Initiative held an Academic Interdisciplinary Research Leadership Workshop, hosted by Wolfson College, University of Oxford, from 5-7 September.

The workshop aimed to empower outstanding at-risk or displaced researchers to excel in their new higher education environments, by imparting practical skills, and addressing opportunities within and outside of academia. Over 20 UK-based early-career researchers from several countries participated. During the workshop, participants took part in CV and interview training, discussed effective networking and the UK Research Excellence Framework. The GYA collaborated with the Young Academy of Scotland, Cara, the IIE Scholar Rescue Fund, AuthorAid, and facilitators from Inclusive Innovation.

7 World Science Forum

Global Young Academy will launch Da Nang Agreement on the Core Principles of National Young Academies, which was discussed and developed during the 4th Worldwide Meeting of Young Academies in Da Nang, Vietnam on 31 July – 2 August 2019 at the World Science Forum in Budapest in 20th November 2019. Prof Nguyen T. K. Thanh will be present at the launch.

PUBLISHED: 26th OCTOBER 2019.