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HỘI THẢO QUỐC TẾ VỀ ĐẠI HỌC 4.0

Nền tảng giáo dục đại học thế kỷ 21

INTERNATIONAL CONFERENCE ON UNIVERSITY 4.0

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**BỘ GIÁO DỤC VÀ ĐÀO TẠO
TRƯỜNG ĐẠI HỌC NGUYỄN TẤT THÀNH**

**CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập – Tự do – Hạnh phúc**

Tp.Hồ Chí Minh, ngày 30 tháng 6 năm 2017

Kính gửi: BAN LÃNH ĐẠO NHÀ TRƯỜNG

Nhằm mục đích tạo diễn đàn tham luận về mức độ ảnh hưởng của cuộc cách mạng công nghệ lần 4 đến các trường đại học hiện nay và đưa ra những ý kiến trao đổi về việc phương pháp giảng dạy đại học sẽ được biến đổi như thế nào trong thế kỷ 21, Trường Đại học Nguyễn Tất Thành tiến hành tổ chức Hội thảo Quốc tế với chủ đề: **“Mô hình đại học 4.0 – Nền tảng Giáo dục Đại học thế kỷ 21”**.

Tham gia Hội thảo có các diễn giả nổi tiếng trong lĩnh vực công nghiệp 4.0, Giáo dục 4.0 và Đại học 4.0 đến từ các quốc gia như Ba Lan, Đức, Pháp, Anh, Tây Ban Nha, Đài Loan, Hoa Kỳ và Hàn Quốc. Ngoài ra, còn có các khách mời đặc biệt trong nước cũng là các chuyên gia đầu ngành trong xu hướng công nghiệp 4.0 và giáo dục 4.0.

Thay mặt Ban tổ chức, chúng tôi xin trân trọng kính mời Quý Trường tham gia Hội thảo

Thời gian: **8:00 đến 17:30, ngày 20 - 21 tháng 7 năm 2017**

Địa điểm: **Hội trường A801, Trường Đại học Nguyễn Tất Thành
300A, Nguyễn Tất Thành, P.13, Q.4, Tp.HCM**

Để công tác tổ chức Hội thảo được thuận lợi, kính đề nghị Quý Khách mời đăng ký tham dự Hội thảo và thanh toán lệ phí tham dự **trước ngày 15 tháng 7 năm 2017:**

Đăng ký tham dự tại:

<http://university40.ntt.edu.vn/register.php>; hoặc,

Hà Thị Thanh Huyền – Chuyên viên Phòng Hợp tác Quốc tế

Trường Đại học Nguyễn Tất Thành, 300A Nguyễn Tất Thành, P.13, Q.4, Tp.HCM

E-mail: htthuyen@ntt.edu.vn

Điện thoại: 0121.505.0947

Chuyển khoản lệ phí tham dự tại:

Đối với người Việt chi phí tham dự là 1.000.000 VND/người

Tên tài khoản: TRƯỜNG ĐẠI HỌC NGUYỄN TẤT THÀNH

Tài khoản số (VND): 001055640001

Tại ngân hàng: TMCP Đông Á - PGD: Nguyễn Tất Thành

Địa chỉ: 154-156 -158 Nguyễn Tất Thành, P.13, Quận 4, Tp.HCM, Việt Nam

Nội dung: Phí đăng ký Hội thảo Quốc tế về Đại học 4.0

TP.HCM

Trân trọng cảm ơn và hân hạnh đón tiếp./.

Nơi nhận:

- Như trên;

-Lưu: VT, P.HTQT

**HIỆU TRƯỞNG
BAN TỔ CHỨC**



PGS.TS. Nguyễn Mạnh Hùng



Hội thảo quốc tế về Đại học 4.0
Mô hình cho Giáo dục Đại học Thế kỷ 21
Chương trình
Ngày 1–20/07/2017

THỜI GIAN	CHỦ ĐỀ
7:00 – 8:00	Đăng ký và đón khách
8:00 – 8:50	<u>Phiên Khai mạc:</u> <ul style="list-style-type: none">• PGS. TS. Nguyễn Mạnh Hùng: Phát biểu khai mạc• GS. Nguyễn Ngọc Thành: Giới thiệu sơ lược về Đại học 4.0• Đại diện lãnh đạo Nhà nước và Thành phố Hồ Chí Minh: Phát biểu chào mừng
8:50 – 09:50	<u>Phiên 1:</u> Chủ trì– GS. Nguyễn Ngọc Thành <ul style="list-style-type: none">• GS. Gottfried Vossen (Đức): Đại học 4.0: Khái niệm, thách thức và kinh nghiệm ban đầu (ERCIS)
9:50 – 10:20	Chụp hình lưu niệm và giải lao
10:20 – 12:00	<u>Phiên 2:</u> Chủ trì– GS. Tzung-Pei Hong <ul style="list-style-type: none">• GS. Leon S.L. Wang (Đài Loan): Hướng tới thập niên mới – Triển vọng của NUK• GS. Phạm Hoàng (Mỹ): Điều gì làm nên một trường đại học hàng đầu trong thế kỷ 21?
12:00 – 13:30	Ăn trưa
13:30 – 15:10	<u>Phiên 3:</u> Chủ trì– GS. Nguyễn Lộc <ul style="list-style-type: none">• GS. Kuo-Ming Chao (Vương Quốc Anh): Các hệ thống không gian ảo cho giáo dục đại học tương lai• GS. Dosam Hwang (Hàn Quốc): E4I– Đào tạo tương lai cho cuộc Cách mạng Công nghiệp lần thứ 4
15:10 – 15:40	Giải lao
15:40 – 17:20	<u>Phiên 4:</u> Chủ trì– GS. Suphamit Chittayasothorn <ul style="list-style-type: none">• GS. Nguyễn Hữu Đức (Việt Nam): Công nghiệp 4.0 trong các trường đại học–Cách tiếp cận cho Việt Nam• GS. Manuel Núñez (Tây Ban Nha): UCM 4.0: Chúng tôi đang ở đâu và chúng tôi đang đi về đâu?

Ngày 2–21/07/2017

THỜI GIAN	CHỦ ĐỀ
8:00 – 9:40	<u>Phiên 5:</u> Chủ trì– GS. Been-Chian Chien, <ul style="list-style-type: none">• GS. Lê Thị Hoài An (Pháp): Đại học 4.0: Mô hình của Pháp và kinh nghiệm ban đầu• GS. Ali Selamat (Malaysia): Công nghệ giáo dục như là chìa khóa để mở khóa Cách mạng Công nghiệp lần thứ 4 – Viễn cảnh giáo dục đại học ở Malaysia
9:40 – 10:10	Giải lao
10:10 – 11:50	<u>Phiên 6:</u> Chủ trì– PGS. TS. Trần Thị Hồng <ul style="list-style-type: none">• TS. Nguyễn Thế Vinh (Việt Nam): Thế hệ mới của nguồn nhân lực dưới ảnh hưởng của Đại học 4.0• TS. Dương Trọng Hải (Việt Nam): Giảng dạy 4.0: Cách tiếp cận của trường Đại học Nguyễn Tất Thành
11:50 – 12:30	Phiên Bế mạc

LÝ LỊCH TRÍCH NGANG ĐIỂN GIẢ THAM GIA HỘI THẢO

Professor Ngoc Thanh Nguyen Ph.D., D.Sc.

Professor Ngoc Thanh Nguyen (Ph.D., D.Sc.) is a titled professor granted by the President of Poland and a full professor of Wroclaw University of Science and Technology, and is the Head of Information Systems Department in the Faculty of Computer Science and Management. His scientific interests consist of knowledge integration methods, collective intelligence, and intelligent technologies for conflict resolution, inconsistent knowledge processing, multiagent systems, and Elearning methods. He has edited more than 30 special issues in international journals, 52 books and 35 conference proceedings. He is the author of 5 monographs and more than 350 other publications. Professor Nguyen serves as Editor-in-Chief of International Journal of Information and Telecommunication (Taylor&Francis), Transactions on Computational Collective Intelligence (Springer) and Vietnam Journal of Computer Science (Springer). He is also an Associate Editor of several prestigious international journals. He was a General Chair or Program Chair of more than 30 international conferences. He has been serving as an expert for Ministry of Science and Higher Education and Ministry of Regional Development of Poland in evaluating R&D projects. He is also an expert of European Commission in evaluation research projects, an expert of Slovakia Research Agency, an expert for Research Promotion Foundation, Cyprus and Natural Sciences and Engineering Research Council of Canada. He has given 18 plenary and keynote speeches for international conferences and invited lectures in many countries. In 2009 prof. Nguyen was granted of title Distinguished Scientist of ACM. He was also a Distinguished Speaker of IEEE and ACM. He serves as the Chair of IEEE SMC Technical Committee on Computational Collective Intelligence. In ISI Web of Science he has more than 850 citations with index H equal to 17. He has been the leader of 15 research grants including 5 international projects. Now he is serving as a member of Management Committee representing Poland in Cost Action IC1302 KEYSTONE, for which he is also as a co-chair of a working group.



Distinguished Professor Hoang Pham - Industrial and Systems Engineering

Hoang Pham is a Distinguished Professor and former Chairman (2007-2013) of the Department of Industrial and Systems Engineering at Rutgers University. He is also a co-founding member and an Associate Director of the Rutgers Center for Information Assurance. Dr. Pham has been served as Editor-in-Chief, Editor, Associate Editor, Guest Editor and board member of many journals. He is the Editor of Springer Book Series in Reliability Engineering, the Editor of World Scientific Book Series on Industrial and Systems Engineering, and has served as Conference Chair and Program Chair of over 30 international conferences and workshops. Dr. Pham is the author or coauthor of 6 books and has published over 135 journal articles, and edited 10 books including Springer Handbook in Engineering Statistics and Handbook in Reliability Engineering. Dr. Pham has delivered over 30 invited keynote and plenary speeches at many international conferences. His numerous awards include the 2009 IEEE Reliability Society Engineer of the Year Award. Dr. Pham is a Fellow of the IEEE and IIE.



Prof. Dosam Hwang - Yeungnam University in Korea



Dr. Dosam Hwang is a full professor of the Department of Computer Engineering at Yeungnam University in Korea, whose research interests mainly include Natural Language Processing, Ontology, Knowledge Engineering, Information Retrieval and Machine translation. Prof. Hwang has once served as the Head of Yeungnam University's Computer Engineering Department for five years between 2005 and 2009. He has also held a position as a principal researcher at KIST (Korea Institute of Science and Technology) and as an invited professor at KAIST (Korea Advanced Institute of Science and Technology).

Prof. Hwang has so far been not only a chair of several international conferences, but also a committee member of many international organizations as well. More specifically, for example, he has been the Assistant Secretary of ISO/TC37/SC4 for language resource management since 2005, and the Secretary of Korean TC for ISO/TC37/SC4 at the same time. In 2006, Prof. Hwang was the Director of Korean Society for Cognitive Science (KSCS), and for the Korean Information Science Society (KISS), he has been serving as the Society's Director and the Mentor of a knowledge engineering study group since 2007.

In addition to this, Prof. Hwang has also participated in several Korean national research projects such as a project on machine translation system (1985-1990), the national IT ontology infrastructure and technology development project called "CoreOnto (2006-2009)", and "Exobrain (2013-2014)", the project focused on the construction of deep knowledge base and question-answering platform. Prof. Hwang is now in charge of an intelligent service integration based on IoT Big Data as part of Korea's another principal national research project "BK+ (2014 ~ present)".

In recognition of his such great commitment and contribution to the relative fields of study, Prof. Hwang has been honored as a Distinguished Researcher of KIST in 1988 by Korea's Ministry of Science and Technology (MoST) and awarded a prize for Good Conduct from Kyunghee High School in 1973.

President Leon Shyue-Liang Wang – National University of Kaohsiung



Leon Shyue-Liang Wang received his Ph.D. in Applied Mathematics from State University of New York at Stony Brook in 1984. Since then, he has been teaching in University of New Haven, New York Institute of Technology in the United States of America, as well as I-Shou University and National University of Kaohsiung in Taiwan. He had served as Chairman of Information Management Department, Director of Computing Center, and Director of Library in I-Shou University and Chairman of Information Management Department, Dean of College of Management in National University of Kaohsiung. In summer 2000, he was visiting professor in Mechatronics Lab in the Mechanical Engineering Department of University of Melbourne, Australia. He is currently professor of Information Management.

Dr. Wang has published more than 200 technical papers in the areas of privacy-preserving data mining, information security investment modeling, machine learning, expert systems, and fuzzy databases, etc. Dr. Wang is a member of IEEE, Chinese Fuzzy System Association Taiwan, Chinese Computer Association, and Chinese Information Management Association. He is one of recipients of 2011 – 2014, 2014 – 2017 Flexible Wage Award from Ministry of Education in Taiwan, President of Taiwanese Association for Social Networks, and a Fellow of The Institute of Engineering and Technology in UK.

Professor Manuel Núñez - Universidad Complutense de Madrid, Spain

Manuel Núñez holds a Doctorate degree in Mathematics/Computer Science, obtained in 1996, and a Master degree in Economics, obtained in 2002. He is a Professor in the Department of Computer Systems and Programming of the Universidad Complutense de Madrid, Spain. He is also a Visiting Professor at the School of Information Systems, Computing and Mathematics of Brunel University, UK. During the years 2004 and 2005 he was collaborating, as an economist, with the Organization for Security and Co-operation in Europe Project Coordinator in Ukraine. In particular, he was in charge of the LEaD project (Local Economic Development through improving business infrastructure for SMEs). His research is circumscribed to use formal methods in different application areas. Currently, he is mainly working in the area of formal methods for testing complex systems. He is also working on the use of formal methods in user modeling, with an emphasis on collective intelligence.

Manuel Núñez has been teaching, for almost 25 years, at Universidad Complutense de Madrid. During these years, he has taught courses at all the University levels (Bachelor, Master and Doctorate). He has focused on programming courses and on the use of mathematics and formal methods in Computer Science.

He is a member of the IEEE SMC Technical Committee on Computational Collective Intelligence, a member of the Board of Directors of the Tarot Summer School on Software Testing, a member of the A-MOST Workshop Steering Committee and was a member of the ICTSS Steering Committee for the period 2009-2012. He is a member of the Editorial Boards of the Transactions on Computational Collective Intelligence and of the Journal of Universal Computer Science, and a member of the Review Board of the International Journal of Information Technology and Web Engineering. In addition, he has served in more than 120 Program Committees of international events in Computer Science. He has published more than 130 papers in international scientific journals and meetings.



Prof. Kuo-Ming Chao - Coventry University, UK

Kuo-Ming Chao obtained his MSc and PhD degrees from Sunderland University, UK in 1993 and 1997 respectively. From 1997, he worked at Engineering Design Centre in Newcastle-upon-Tyne University as research associate for more than 3 years before he joined Coventry University as senior lecturer in 2000. Between 2007 and 2008, he joined British Telecom Research Lab as short term research fellow. His research interests include the areas of intelligent agents, service-oriented computing, cloud computing and big data etc. as well as their applications such as energy efficiency management and green manufacturing etc. He has over 150 refereed publications in books, journals, conference proceedings. He is a co-founder and managing editor of Service-Oriented Computing and Applications: A Springer Journal to promote Service-Oriented Computing. He is a member of editorial board for a number of international journals. In addition he is involved a number of EU-funded projects as coordinator or work pack leader. He serves a number of international conferences by taking different responsibilities such as general chair for 10th IEEE ICEBE, 2010 IEEE conference CEC, programme chair for 9th ICEBE, 2009 CEC and 2005 CSCWD, Track Chair for 2010-2012 AINA and others.



Prof. Le Thi Hoai An - University of Lorraine, France

Le Thi Hoai An earned her PhD with Highest Distinction in Optimization in 1994, and her Habilitation in 1997 both from university of Rouen, France. From 1998 to 2003 she was Associate Professor at the National Institute for Applied Sciences, Rouen. Since 2003 she is Full Professor at the University of Paul Verlaine – Metz (which becomes University of Lorraine in 2012). She is currently Director of Laboratory of Theoretical & Applied Computer Science, university of Lorraine and serving as Exceptional Class Professor. She is the author/co-author of more than 200 journal articles, international conference papers and book chapters, the co-editor of 5 books and 10 special issues of international journals, and supervisor of 26 PhD theses. She is Chair of Scientific Committee and Chair of Organizing Committee as well as member of Scientific Committee of numerous International Conferences, and leader of several regional/national/international projects. Her research interests include Numerical Analysis, Optimization and Operations Research and their applications in Information Systems and Industrial Complex Systems in various fields such as, Data Mining and Machine Learning, Telecommunication, Transportation, Supply Chain and Management, Finance, Bioinformatics, Image Analysis, Cryptology, Security & Reliability. She is the co-founder (with Pham Dinh Tao) of DC programming and DCA, an innovative approach in nonconvex programming and global optimization. These theoretical and algorithmic tools, becoming now classic and increasingly popular, have been successfully applied by researchers and practitioners all the world over to model and solve their real-world smooth/nonsmooth nonconvex programs, especially in the large-scale setting.



Prof. Dr. Gottfried Vossen - University of Muenster, Germany



Gottfried Vossen is a Professor of Computer Science in the Department of Information Systems at the University of Muenster in Germany. He is a Fellow of the German Computer Science Society and an Honorary Professor at the University of Waikato Management School in Hamilton, New Zealand. He is the European Co-Editor-in-Chief of Elsevier's Information Systems - An International Journal, and a Director of the European Research Center for Information Systems (ERCIS) in Muenster. He received his master's and Ph.D. degrees as well as the German Habilitation in 1981, 1986, and 1990, resp., all from the Technical University of Aachen in Germany. Dr. Vossen is an author or co-author of more than 250 publications, which have reached an i10-index of 107 on Google Scholar and an h-index of 38. He is also an author, co-author, or co-editor of more than 25 books (not counting new editions or translations) on databases, business process modeling, the Web, e-commerce, cloud computing, and computer architecture, some of which have been translated into foreign languages. The most popular of these books to date is Transactional Information Systems: Theory, Algorithms, and the Practice of Concurrency Control and Recovery (with Gerhard Weikum), which has reached more than 800 citations on Google Scholar. His research interests include conceptual as well as application-oriented challenges concerning databases, information systems, modern business process modeling, digitization, cloud computing, and big data. His research group at Münster currently works on pricing, data profiling, architecture development for big data analytics, the introduction of gamification into business process modelling, and big data exploitation in customer journey applications.

Prof. Nguyen Huu Duc - Vietnam National University, Hanoi, Viet Nam

Professor Nguyen Huu Duc, who was born in 1958 in Vietnam, earned a bachelor's degree in Physics from the University of Hanoi in 1980. He obtained his Ph.D Degree in the same group in 1988, received the French Habilitation (DHR) in Physics at the Joseph Fourier University of Grenoble in 1997. He became a Full Professor of the Vietnam National University (VNU), Hanoi in 2004 and Professor of Merit in 2008. He has also been nominated as an associate and/or visiting professor at French Universities, such as the University of Rouen in the period 1997-2001 and the Joseph Fourier University of Grenoble in 2003. Prof. Duc is author of 100 scientific ISI papers in various international journals and of 10 monographs published in volumes of the Handbook of Magnetic Materials and the Handbook on the Physics and Chemistry of Rare Earths (Elsevier Science Publisher) and recent Handbook of Advanced Magnetism and Magnetic Materials (VNU Press).

The Third Chen Ning Yang Award of the Association of Asia Pacific Physical Societies (in 2004) and the State Prize for S&T of Vietnam (in 2017) were given to Prof. N.H. Duc for excellent contributions to the study of rare earth – transition metal intermetallic compounds.

In 2014, N.H. Duc obtained the Palm Academic Medal of French Republic. Prof. N.H. Duc is the Editor in Chief of the VNU-Elsevier Journal of Science: Advanced Materials and Devices, the Advisory Editorial Board member for the Journal of Magnetism and Magnetic Materials (2009-2012) and IOP Advances in Natural Sciences: Nanoscience and Nanotechnology (since 2010). Since 2008, Prof. Duc has been serving as the Vice-President of VNU Hanoi – a leading Vietnamese university with over hundred years history.



Prof. Dr. Ali Selamat - Universiti Teknologi Malaysia, Malaysia

Prof. Ali Selamat is currently a Chief Information Officer (CIO) of Universiti Teknologi Malaysia and a Director of Center of Communication and Information Technology, Universiti Teknologi Malaysia (UTM). He is also a professor at Faculty of Computing, Universiti Teknologi Malaysia and a Chair of Computer Society Malaysia Section for Institute of Electrical and Electronics Engineers (IEEE), USA. He was the Dean of Research, Knowledge Economy Research Alliance, UTM. He involved in managing campus wide computer networks project and academic related software applications and at the same time is tasked to transform the ICT services to become a value creations to the organization. He is also serving as the Editor-in-Chief of International Journal of Digital Enterprise Technology, Inderscience Publications, Editorial Boards of International Journal of Knowledge Based Systems Elsevier, Netherlands, International Journal of Information and Database Systems (IJIIDS), Inderscience Publications, Switzerland and Vietnam Journal of Computer Science and Journal of Service Oriented Computing and Applications under Springer Publications. He is a Program Chair of International Conference on Software Engineering Tools, Methodologies (SOMET), 2017 to be held in Kanazawa, Japan. He has been a visiting professor at Hradec-Kralove University, Czech Republic, Kuwait University, and few other universities in Japan, Kingdom of Saudi Arabia, and Indonesia. His research interests include knowledge management, key performance indicators, cloud based software engineering, software agents, information retrievals, pattern recognitions, genetic algorithms, neural networks and soft-computing.



Dr. Nguyen The Vinh

**Global Studies Committee on People Management (GSC-20)
World Federation of the People Management Associations (WFPMA)**



Dr. Nguyen The Vinh is one of HR high ranking executives and experts in Vietnam. During his 20 years professional experience, he has worked for well-known diversified organizations (local and international). His major strengths are strategic HR, Training and Development, Continuous improvement of Quality Management System, and Global networking.

Dr. Vinh represents Vietnam as an executive member of Global Studies Committee on People Management (GSC-20), World Federation of the People Management Associations (WFPMA), Board Member of Asia Pacific Federation of Human Resource Management (APFHRM), National representative in the ISO/Technical Committee on HR Standards, Geneva, Vice President of Human Resource Association (HRA), Delegate of Hanoi City People's Council, Vietnam, Chairman of UMI Asia VN, Vice CEO, M-Talent Human Resource Management JSC and Advisors/Board Member for various corporations, organizations and universities.

Dr. Vinh earned the first two Bachelor Degrees major in Business Administration and Teaching of English, following by Master of Science in HRM, and Doctoral degree in Business Administration with a specialization of HRM. He was listed at International Who's Who as Professional Member.

Dr. Nguyen Tuan Anh - Nguyen Tat Thanh University, Viet Nam

Dr. Nguyen Tuan Anh has a PhD in manufacturing engineering from Nanyang Technological University (Singapore), a master degree in industrial management from UNSW (Australia), and another master degree in manufacturing from Zaporozhye State Technical University (Ukraine). He has been associated with Nguyen Tat Thanh University since 2006, and contributed to its growth from a small training center to a comprehensive university. Dr. Nguyen Tuan Anh is a key member of a research group, setup by Nguyen Tat Thanh University, to provide the university with a vision and strategy for university 4.0.



Dr. Trong Hai Duong - Nguyen Tat Thanh University, Viet Nam



Trong Hai Duong, currently is a director of Institute of Science and Technology of Industry 4.0, Nguyen Tat Thanh University, Vietnam. He got M.Sc. and Ph.D. degree at school of Computer and Information Engineering, Inha University, 2012. He received the Bachelor of Science with a certificate for the most excellent student in doing research at Dept of Informatics of Hue University, Vietnam, 2004. He got the golden globe awards and innovative youth badge in 2016. He was one of 68 representative young scientists who had a meeting with Vietnam Prime Minister. He was one of 37 students of all Vietnam universities who won scholarship certificate of Ministry of Postal Service of Vietnam for the most excellent student of information technology, 2003. He has experiences in Information Engineering, especially Artificial Intelligence. His research interest focuses on Semantics and Bigdata. He had more than 50 publications.