

出國報告（出國類別：出席國際會議）

2017 世界大學校長論壇及姐妹校維也納科技大學參訪報告

服務機關：國立臺北科技大學 國際事務處

姓名職稱：國際長 陳孝行

派赴國家：奧地利維也納

會議期間：2017.7.4-2017.7.8

報告日期：2017.7.25

摘要

陳孝行國際長應姊妹校上奧地利科技大學 University of Applied Sciences Upper Austria (FH Upper Austria)的邀請，代表本校前往奧地利維也納參加世界大學校長論壇(International Association of University Presidents, IAUP)。本次會議，世界大學校長、副校長、國際長及代表共計約有超過 200 人參與，橫跨世界各大洲主要學校，是世界大學校長交流中很盛大的會議。本校目前還不是 IAUP 的會員，目前在台灣是會員僅有義守大學的校長。本次會議是由本校姐妹校上奧地利科技大學校長 Dr. Gerald Reisinger 的邀請參加。Dr. Reisinger 曾於去年在奧地利舉辦的第二屆台奧論壇中邀請論壇參與人員至該校訪問，Dr. Reisinger 並於去年 11 月應教育部的邀請來台並回訪本校及發表公開演講。Dr. Reisinger 目前是 IAUP 的秘書長 (Secretary-General-elect)，因此也極力邀請本校代表參加。本次會議在奧地利維也納霍夫堡宮殿 (Hofburg) 舉辦，是位於奧地利首都維也納的宮殿建築，目前是奧地利的總統官邸所在地，也能舉辦大型的會議。本論壇主題包含：(一) Global Trend in Higher Education、(二) Modern Technology in Education、(三) New University Model、(四) Industry and Education，除了 keynote 演講之外，與會的大學校長及來賓都有深度交流。此外，在論壇的最後一天，還有一個創新的做法(world café)，讓與會者能用小組座談的方式對某一議題做深入的分組探討。本論壇並同步舉辦 2017 IAUP 青年科學家論壇(IAUP Young Scientists Conference 2017)，讓論壇能更多元化及聽到更多年輕人的聲音。此外，由於維也納科技大學(Vienna University of Science and Technology, Technische Universität Wien) 與本校合作已久，是世界排名前 200 名的大學，且一向是本校交換生志願排名前三名的學校，對本校十分友善，但是本校人員與其交流及互訪非常少。因此也藉由這次訪問維也納機會，至 TU wien 與其國際處及研究傑出的教授做交流。

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一、目的及過程

臺、奧學術交流向來熱絡。以技職體系而言，奧地利專業高等學院會議於 103 年 6 月 15 日與國立科技大學協進會及私立科技大學協進會簽署互相採認碩士學歷之合作議議。因此，奧地利聯邦科學研究部及經濟部率團於 104 年 11 月訪臺，並舉辦首屆「臺奧高等技職教育論壇」，以落實學用合一、提升生全球移動力為主題進行雙邊報告與意見交流。為強化雙邊高等技職教育之交流合作，奧國聯邦科學研究部邀請教育部與技專校院代表團於 105 年 6 月 19 日至 22 日訪奧地利，並續辦第二屆「臺奧高等技職教育論壇」。目前也預訂於 106 年 10 月 16 日在台灣續辦第三屆「臺奧高等技職教育論壇」。

在第二屆「臺奧高等技職教育論壇」之後，本校姐妹校上奧地利科技大學校長 Dr. Gerald Reisinger 曾邀請論壇參與人員至該校訪問。其後並於 105 年 11 月回訪本校。因為 Dr. Reisinger 目前是世界大學校長論壇(International Association of University Presidents, IAUP)的秘書長(Secretary-General-elect)，因此也極力邀請本校代表參加 2017 世界大學校長論壇，陳孝行國際長也應邀代表本校前往奧地利維也納參加本次會議。本次會議世界大學校長、副校長、國際長及代表共計約有超過 200 人參與，橫跨世界各大洲主要學校，是很盛大的會議。本校目前還不是 IAUP 的會員，目前在台灣是會員僅有義守大學的校長，未來也可以考慮加入。本論壇主題包含：(一) Global Trend in Higher Education、(二) Modern Technology in Education、(三) New University Model、(四) Industry and Education，除了 keynote 演講之外，與會的大學校長及來賓都有深度交流。此外，在論壇的最後一天，還有一個創新的做法(world café)，讓與會者能用小組座談的方式對某一議題做深入的分組探討。本論壇並同步舉辦 2017 IAUP 青年科學家論壇(IAUP Young Scientists Conference 2017)，讓論壇能更多元化及聽到更多年輕人的聲音。在本次會議中，陳孝行國際長也在會中與許多大學交流，除了負責主辦的姊妹校上奧地利科技大學 FH Upper Austria 及日本 J. F. Oberlin University 之外，也和許多學校如智利 Universidad Andres Bello 大學，菲律賓 University North Philippines 大學等。其中智利 Universidad Andres Bello 大學校長目前與本校老師也有研究合作。此外，由於維也納科技大學(Vienna University of Technology，Technische Universität Wien) 與本校合作已久，世界排名前 200 名，且一向是本校交換生志願排名前三名的學校，但是本校人員與其交流及互訪非常少。因此也藉由這次機會，至 TU wien 與其國際處及研究傑出的教授做交流。本次除了拜訪 TU wien 國際處的 Zemann Andreas 主任及負責交換學生的 Simone Haselbauer 小姐之外，也至維也納科技大學水質研究中心(Water Quality Research Center) 的 Prof. Jörg Krampe 教授兼主任。該中心是世界廢水處理的領先研究機構，污水處理最重要的活性污泥法的發展與維也納科技大學的研究有密不可分的關係。

二、行程表

日期	行事/訪問對象
7/04 (二)	拜訪維也納科技大學
7/05 (三)	世界大學校長論壇
7/06 (四)	世界大學校長論壇
7/07(五)	世界大學校長論壇
7/08 (六)	世界大學校長論壇

世界大學校長論壇議程

IAUP 2017 Programme Overview			IAUP 2017 Programme Overview		
Wednesday 5 th July 2017			Friday 7 th July 2017		
Time	Programme	Location	Time	Programme	Location
07:00 - 09:00 pm	Opening Cocktail Party	Vienna City Hall (Rathaus)	09:00 - 09:05 am	Anton Bruckner Private University Ensemble	Hofburg (Entrance: Botschafterstiege)
Thursday 6th July 2017			09:05 - 10:05 am	Keynote Theme: CHALLENGES FOR THE EUROPEAN SCIENTIFIC LANDSCAPE	
09:00 - 09:05 am	Anton Bruckner Private University Ensemble	Hofburg (Entrance: Botschafterstiege)	10:05 - 10:10 am	Short Intermission	
09:05 - 10:05 am	Opening Ceremony		10:10 - 10:50 am	Keynote Theme: SIMULATION, VIRTUAL & AUGMENTED REALITY FOR EDUCATION & TRAINING	
10:05 - 10:10 am	Short Intermission		10:50 - 11:25 am	Networking Coffee Break	
10:10 - 10:50 am	Keynote Theme: GLOBAL TRENDS IN HIGHER EDUCATION		11:25 - 12:05 pm	Keynote Theme: SIMULATION-BASED LEARNING AND TRAINING	
10:50 - 11:25 am	Networking Coffee Break		12:05 - 01:25 pm	Session: NEW UNIVERSITY MODELS	
11:25 - 12:05 pm	Keynote Theme: SIMULATION-BASED LEARNING AND TRAINING		01:25 - 02:25 pm	Networking Lunch & Lunch Session: CHALLENGES FOR EDUCATION IN THE 21ST CENTURY	
12:05 - 01:25 pm	Session: SIMULATION-BASED LEARNING AND TRAINING		02:25 - 02:30 pm	Anton Bruckner Private University Ensemble	
01:25 - 02:25 pm	Networking Lunch & Lunch Session: EDUCATION AS A TOOL FOR DEVELOPMENT		02:30 - 03:45 pm	Panel Session: INDUSTRY MEETS EDUCATION	
02:25 - 02:30 pm	Anton Bruckner Private University Ensemble		03:45 - 04:05 pm	Networking Coffee Break	
02:30 - 03:10 pm	Keynote Theme: MODERN TECHNOLOGIES IN E-LEARNING		04:05 - 05:05 pm	Panel Session: NEW TRENDS IN EDUCATION	
03:10 - 04:10 pm	Session: INNOVATION IN EDUCATION		Time Programme Location		
04:10 - 04:40 pm	Networking Coffee Break		07:00 - 10:00 pm	Gala Dinner „Georgian Evening“	Hofburg (Entrance: Heidenplatz)
04:40 - 05:20 pm	Keynote Theme: THE AUSTRIAN HIGHER EDUCATION AREA		Saturday 8th July 2017		
Time Programme Location	08:30 - 10:00 pm	Upper Austrian Night in St. Stephen's Cathedral	Cathedral/ Stephansplatz (Stephansdom)	Time Programme Location	
09:00 - 09:05 pm	Anton Bruckner Private University Ensemble	09:00 - 09:05 pm	Anton Bruckner Private University Ensemble	Hofburg (Entrance: Botschafterstiege)	
09:05 - 09:20 am	Keynote Theme: THE UN IMPACT	09:05 - 09:20 am	Keynote Theme: THE UN IMPACT		
09:20 - 11:00 am	World Cafe & Plenary Session World Cafe	09:20 - 11:00 am	World Cafe & Plenary Session World Cafe		
11:00 - 11:05 am	Farewell of Young Scientists	11:00 - 11:05 am	Farewell of Young Scientists		
11:05 - 11:30 am	Networking Coffee Break	11:05 - 11:30 am	Networking Coffee Break		
11:30 - 12:30 pm	IAUP General Assembly	11:30 - 12:30 pm	IAUP General Assembly		
12:30 - 01:30 pm	Farewell Lunch	12:30 - 01:30 pm	Farewell Lunch		


International Association of University Presidents

Programme Thursday 06th July, 2017

Registration at Hofburg Entrance Botschafterstiege

- >> **Registration desk open**
Thursday – Saturday; 08:00 – 10:00 am
- >> **Information desk open**
Thursday – Friday; 08:00 – 05:30 pm
Saturday; 08:30 – 02:00 pm

Time	Programme	Location
09:00 - 09:05 am	Anton Bruckner Private University Ensemble	Zeremonienaal
09:05 - 10:05 am	Opening Ceremony	Zeremonienaal
10:05 - 10:10 am	Short Intermission	
10:10 - 10:50 am	Keynote Theme: Global Trends in Higher Education Chair: Witold Jacak – FH Upper Austria – Austria >> A Snapshot of Transformative Trends and Knowledge Development in Tertiary Education Martina Gaisch – FH Upper Austria – Austria	Zeremonienaal
10:50 - 11:25 am	Networking Coffee Break	Wintergarten, Rittersaal, Antekammer
11:25 - 12:05 pm	Keynote Theme: Simulation-based Learning and Training Chair: Martin Zauner – FH Upper Austria – Austria >> Hybrid Surgical Simulators in Medical Education Andreas Schrempf – FH Upper Austria – Austria	Zeremonienaal




International Association of University Presidents

Programme Thursday 06th July, 2017

12:05 - 01:25 pm	Session: Simulation-based Learning and Training Session Chair: Andreas Schrempf – FH Upper Austria – Austria >> Novel Simulator for Cranial Graft Lift Training Marianne Hollensteiner – FH Upper Austria – Austria >> Development and Assessment of the RealSpine Simulation System for Surgical Training Werner Korb – University of Applied Sciences Leibzig – Germany >> Development of Validated Methods to Generate Haptic Feedback in Interventional and Therapeutic Needle Insertions Benjamin Esterer – FH Upper Austria – Austria >> The Impact of Simulation-based Instruction on College Students' Understanding of Projectile Motion and Attitudes Towards Physics Yazan Alghazo – Prince Mohammad Bin Fahd University – Saudi Arabia	Zeremonienaal
01:25 - 02:25 pm	Networking Lunch & Lunch Session: Education as a Tool for Development Session Chair: Andreas Zehetner – FH Upper Austria – Austria >> Scientific and Industrial Strategy for the Socio-economic Development of Angola Eurico Ngunga – Agostinho Neto University – Angola >> Impact of an Innovative Leadership Development Program on Global Capacity Elisabeth Stroble – Webster University – United States of America	Wintergarten, Rittersaal, Antekammer Rittersaal
02:25 - 02:30 pm	Anton Bruckner Private University Ensemble	Zeremonienaal
02:30 - 03:10 pm	Keynote Theme: Modern Technologies in E-Learning Chair: Helmo Loshchler – FH Upper Austria – Austria >> Can We Use New Ways of Modelling Complex Systems to Optimise Student Learning? Robin Braun – University of Technology Sydney – Australia	Zeremonienaal




International Association of University Presidents

Programme Friday 07th July, 2017

03:10 - 04:10 pm	Session: Innovation in Education Session Chair: Margarethe Überwimmer – FH Upper Austria – Austria >> Graduate Teaching Assistants Learn like PreService Teachers - A Novel Idea Seema Rivera – Clarkson University – United States of America >> Waiting for the President to Leave Alan Davis – Kwantlen Polytechnic University – Canada >> How Can Japanese Universities Contribute to the New System of Moral Education? Osamu Nakayama – Reitaku University – Japan	Zeremonienaal
04:10 - 04:40	Networking Break	Wintergarten, Rittersaal, Antekammer
04:40 - 05:20 pm	Keynote Theme: The Austrian Higher Education Area Chair: Stephan Dreiseltl – FH Upper Austria – Austria >> The Austrian Higher Education Area Heribert Wulz – Ministry of Science, Research and Economy – Austria	Zeremonienaal
08:30 - 10:00 pm	Evening Programme <small>St. Stephen's Cathedral/Stephanplatz</small> >> Upper Austrian Night in St. Stephen's Cathedral	




International Association of University Presidents

Programme Friday 07th July, 2017

09:00 - 09:05 am	Anton Bruckner Private University Ensemble	Zeremonienaal
09:05 - 10:05 am	Keynote Theme: Challenges for the European Scientific Landscape Chair: Stephan Dreiseltl – FH Upper Austria – Austria >> Challenges for the European Scientific Landscape Paul Rübigen – Chairman of the Scientific Committee of the European Parliament	Zeremonienaal
10:05 - 10:10 am	Short Intermission	
10:10 - 10:50 am	Keynote Theme: Simulation, Virtual & Augmented Reality for Education & Training Chair: Michael Afenzeller – FH Upper Austria – Austria >> New Enabling Methodologies and Technologies in and for Education & Training Francesco Longo – University of Calabria – Italy	Zeremonienaal
10:50 - 11:25 am	Networking Coffee Break	Wintergarten, Rittersaal, Antekammer
11:25 - 12:05 pm	Keynote Theme: Simulation-based Learning and Training Chair: Stephan Dreiseltl – FH Upper Austria – Austria >> Simulation Systems in Medical Informatics Michael Giretzlehner – RISC Linz – Austria	Zeremonienaal
12:05 - 01:25 pm	Session: New University Models Session Chair: Franz Staberhoffer – FH Upper Austria – Austria >> RLS-Sciences: A Multilateral and Multilevel Approach Sebastian Goers – Johannes Kepler University Linz – Austria >> Interdisciplinary Doctoral Programs to Address Major Technical and Societal Challenges Jimmy G. Cheek – University of Tennessee Knoxville – United States of America >> Student Transformative Learning Record (STLR) Don Betz – University of Central Oklahoma – United States of America >> Entrepreneurship 2020 Keith Miller – Virginia State University – United States of America	Zeremonienaal



			
		Programme Saturday 08 th July, 2017	
01:25 - 02:25 pm	Networking Lunch & Lunch Session: Challenges for Education in the 21st Century <small>Wintergarten, Rittersaal, Antekammer</small> Session Chair: Andreas Zehner – FH Upper Austria – Austria Rittersaal >> Inclusion of Global Competence in Higher Education: Perspectives of Faculty in Saudi Arabia Yazan Alghazo – Prince Mohammad Bin Fahd University – Saudi Arabia >> Preparing Educators to Meet the Challenge of Educating Immigrants and Refugees José Agustín Ruiz-Escalante – Prince Mohammad Bin Fahd University – Saudi Arabia	09:00 - 09:05 am	Anton Bruckner Private University Ensemble <small>Zeremonienaal</small>
02:25 - 02:30 pm	Anton Bruckner Private University Ensemble <small>Zeremonienaal</small>	09:05 - 09:20 am	Keynote Theme: The UN Impact Chair: Dagmar Strohmeier – FH Upper Austria – Austria Zeremonienaal >> Who makes an Academic Impact? Ramu Damodaran – United Nations Academic Impact - United States of America
02:30 - 03:45 pm	Panel Session: Industry & Education Panel Chair: Michael Rabi – FH Upper Austria – Austria Zeremonienaal >> Industry-University Collaboration: A Way for Innovation and Employment Md. Sabur Khan – Daffodil International University – Bangladesh >> Education and Training Solutions for Disasters and Emergencies Management in Industrial Plants Francesco Longo – University of Calabria – Italy >> Crisis, Innovation, and New University Models David Atkinson – MacEwan University – Canada	09:20 - 10:35 am	World Cafe Rittersaal, Antekammer >> Young Scientists meet IAUP Presidents Forum Alpbach – IAUP Members & Young Scientists Participants
03:45 - 04:05 pm	Networking Coffee Break <small>Wintergarten, Rittersaal, Antekammer</small>	10:35 - 11:00 am	Plenary Session: World Cafe Zeremonienaal >> Presentation of the World Cafe
04:05 - 05:05 pm	Panel Session: New Trends in Education Panel Chair: Nicoletta Dalila Christensen – Arcadio University – United States of America Zeremonienaal >> Four Nations, Five Innovative Institutional Perspectives Bonita Jacobs – University of North Georgia – United States of America Fernando Leon Garcia – CETYS University – Mexico Shawn Chen – SIAS International University – P.R. China Tim Bradford – Bond University – Australia Les Wong – San Francisco State University – United States of America	11:00 - 11:05 am	Farewell of the Young Scientists Zeremonienaal >> Closing of Young Scientists Conference Dagmar Strohmeier – FH Upper Austria – Austria
07:00 - 10:00 pm	Evening Programme Hotburg/Heldengplatz >> Gala Dinner „Georgian Evening“	11:05 - 11:30 am	Networking Coffee Break <small>Wintergarten, Rittersaal, Antekammer</small>
		11:30 - 11:35 am	Anton Bruckner Private University Ensemble <small>Zeremonienaal</small>
		11:35 - 12:35 pm	Closing Session – IAUP General Assembly Master of Ceremony: Akaro Roma – IAUP – United States of America Zeremonienaal >> IAUP General Assembly
		12:35 - 01:35 pm	Farewell Lunch <small>Wintergarten, Rittersaal, Antekammer</small>

三、心得及建議事項

- 本次會議主辦的姊妹校上奧地利科技大學，在世界大學校長論壇IAUP有舉足輕重的地位。本校也將有交換生去該校就讀，未來將繼續與該校深入各項合作關係。
- 本校踏入國際組織的觸角，以(1) APAIE、EAIE 及 NAFSA(2)QS APPLE MAPLE 及 World Class (3)Time Higher Education 為主。然而世界上的校長論壇組織有很多，未來也可慢慢將本校的觸角伸進這些組織內。
- 國外的大學校長論壇會用非常多的小組討論的方式進行，在亞洲舉辦的論壇比較少以這種方式進行，可列入本校未來舉辦會議的參考。
- 第三屆「臺奧高等技職教育論壇」10月16日將在台灣舉辦。本次會議在奧地利遇到的朋友都提到奧方已在緊鑼密鼓的準備中，甚至來台代表都已經決定，台灣方面也必須加緊準備才是。

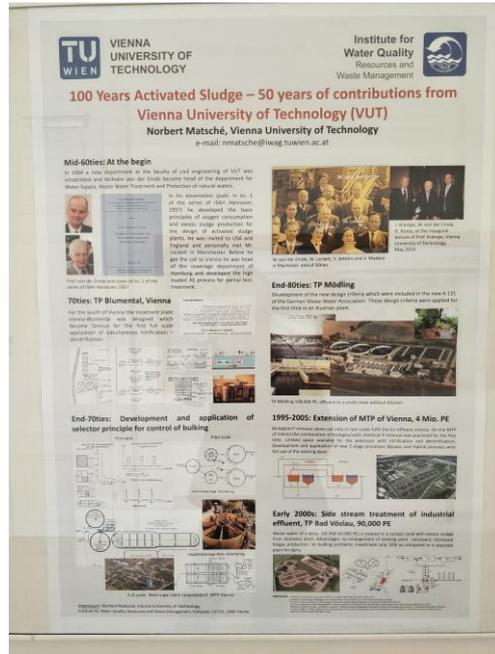
四、行程留影



陳國際長與維也納科技大學國際處的 Zemann Andreas 主任及 Simone Haselbauer 小姐合影



陳國際長與維也納科技大學 Water Quality Research Center 的 Prof. Jörg Krampe 合影



維也納科技大學 Water Quality Research Center 的公告，該中心是世界廢水處理的領先研究機構



世界大學校長論壇大會場景



陳國際長與 Universidad Andres Bello 大學校長合影



陳國際長與會 Time Higher Education 代表合影



陳國際長與 University North Philippines 校長合影



陳國際長參與 World Café 的討論