

# Assuring the Acquisition of Expertise: Apprenticeship in the Modern Economy

26 - 27 May 2011

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# International Conference Programme

Co - Organisers:

Asian Academic Society for Vocational Education and Training (AASVET) Beijing Normal University, China Chinese Society of Vocational and Technical Education, China (CSVTE) European Research Network in Vocational Education and Training (VETNET) TVET Research Group (I:BB), University of Bremen

#### Programme Committee:

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Prof. Erica Smith, University of Ballarat, Australia (Co-Chair)
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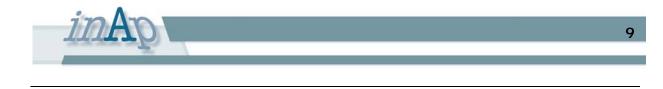


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# Thursday, 26<sup>th</sup> May 2011, Morning

# 08.30 a.m.: Registration at the Reception

ROOM 1		Plenary
09.30 - 09:40	NN	Welcome Ministry of Education
09.40 - 10.50	Zuoyu Zhou	Welcome Dean of the Faculty of Education, Beijing Normal University
09.50 - 10.15	Weiping Shi	Welcome Chinese Society of Vocational and Technical Education
10.15 - 11.00	Felix Rauner	INAP Opening Speech: The apprenticeship approach: a way to overcome demarcations between vocational and higher education!
11.00 - 11.30		Coffee Break
11.30 - 12.15	Philipp Gonon	Keynote 1 Apprenticeship as a model for the international architecture of TVET
12.15 - 12.30	Zhiqun Zhao	Introduction to the Workshops
12.30 - 13.30		Lunch





Room 1	Workshop I		
13.30 - 17.45	Doportor, Waining Shi		Developing Curricula and Qualification Systems
There are many controversial views on the content and qualification require- ments of vocational education and the systematisation of vocational curricula. Questions to be considered in this session are: how do vocational curricula ad- dress 'subject-specific' and 'work process knowledge'? Which methods are best suited to undertaking expertise and qualification research? The meaning of "practical" knowledge" in current curriculum development research is also an important topic.			
Richard Marsh (UK	K) Apprenticeship growth and quality in England		growth and quality in England
Dietmar Frommbe Léna Kriechewsky		Curriculum reforms in VET in Europe – a comparative view on France and Germany	
Han Xu (China)		The implement Germany - rest	ation of the learning field curriculum in ults of #
Weiping Shi/ Ying Kuang (China	a)	based on China	nt the new round of TVET development? – 1's National Plan for Medium and Long- 1 Reform and Development (2010-2020)
15.30 - 15.45		Coffee Break	
Willi Petersen (Ger Lihua Xie (China)	rmany)/		een the didactic approach of the vocational n and the curriculum development
Zhiqun Zhao (Chir	na)	Implementation technician inst	n of work process based curriculum in a itute
Chunlin Huang (Cl	hina)		ue" to "Deep Green" - Case study on the F for SD in China
Philipp Gonon (Sw Ute Hippach-Schne Tanja Weigel (Gerr	eider/		nd apprenticeships: does apprenticeship snational companies?
18.00 - 19.30		RECEPTION	I / SOCIAL EVENT













Room 2	Workshop II		
13.30 - 17.30	Chair: Erica Smith Reporter: Jeroen Onstenk	h, Learning and development theories and models	
A great deal of research in this field is concerned with an understanding of tional learning as "situated learning" and the concept of "developmental (Havighurst). Questions to be addressed are: how can the above concept theories be applied? What are the implications of 'situated learning' theories or intervention of the concept of 'developmental used in VET practice? How can the concept of 'situated learning' be used velop professional identity and promote occupational commitment?			
Christof Nägele/ Patrizia Hasler (Switz		ng at the workplace: optimal learning Iments	
Jeroen Onstenk (The Netherlands)		Enhancing situated learning: Apprenticeship in learning departments	
Yanying Gu (China)	task so ing for	convert individual skill operator to integrated lver: Teaching research on action-oriented learn- Secondary Vocational school students studying of computer application	
15.30 - 16.00	Coffee	Break	
Tongji Li (China)/ Re Rikers (The Netherla		The role of deliberate practice in Chinese vocational teaching	
Selena Chan (New Ze	using c	Learning practical workplace-based judgment through using cognitive apprenticeship and vocational identity formation models	
Erica Smith/Arlene W Ros Brennan Kemmis		portance of the psychological contract for /e learning in apprenticeships	

18.00 - 19.30

**RECEPTION / SOCIAL EVENT** 





Room 3		Workshop III
13.00 - 17.45	Chair: Bonnie Watt-Malcolm, Reporter: Ludger Deitmer	Multiple Roles of Universities, Schools and their Teaching and Training Staff

The qualification of teachers and trainers is critical for the quality of VET systems. Internationally, an enormous variety of models exists. Questions to be addressed are: How can the competence of trainers be enhanced, especially given the heterogeneity of learners? How does 'duality' (alternating/integrated knowledge and experience) determine methods for imparting 'subject specific' and 'work process knowledge'? How do universities and polytechnics contribute to the qualification of vocational pedagogues and teachers? And finally: has the 'Hangzhou Declaration' on the establishment of Master programmes been implemented in practice?

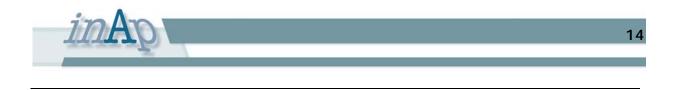
Ralph Dreher (Germany)	Eight characteristics of good "Automotive-Teachers": consequences for the TT-TVET	
Peter Härtel / Michaela Marterer (Austria)	New approach for teacher training in Austria	
Krista Loogma/ Külliki Tafel-Viia (Estonia)	Networks as agents of innovation: networking patterns of VET & higher professional education teachers	
Zhi-gang Zhou, Zhi-yong Yan, Dan-dan Wu (China)	Towards a new kind of VET teacher's professional compe- tence based on new competence structures	
15.00 - 15.45	Coffee Break	
Andrea Gandini/ Giovanni Masino (Italy)	The "PIL" Project: improving employability through the integration of education, training and work	
E. Kosasih Danasasmita (Indonesia)	Teachers' skills development model in the evaluation of competency-based student learning outcomes in voca- tional schools in Indonesia	
Ye Cao/Lijun Wang (China)	Building pre-service teachers' capability through cognitive apprenticeship	
18.00 - 19.30	<b>RECEPTION / SOCIAL EVENT</b>	





Room 6			AASVET Meeting: Asian Session
13.00 - 17.45	Chair: Jinsoo Kim		Asian Session
This session which will address special topics related to the Asian region. It is pa of the joint Conference of 4th international INAP Conference and 7th AASVET In ternational Conference.			
Papers in this sess will be published ir			in the INAP Conference proceedings, but roceeding
Seung-II Na/Hyun-Jin Hee-Jin Sung/Leong-y (Korea)			pment of a national certificate on the basic ies for Korean workers
the voca		the vocatio	eloping curriculum on the transition effects of nal training for adult learning program – A of the funeral mortician services
Byung-Woong Lim, pany Pe		pany Perso	t Learning Behavioral Styles of Global Com- nnel under E-Learning Environment Focus on Hankook Tire Corp
15.00 - 15.45		Coffee Bre	ak
Jinsoo Kim/ Kul Bahadur Basnet (	Korea)	Vocational Nepali peo	training role in employment promotion of ple
Mei-Chuan Tsai/ Wei-Te Liu (Taiwan)		disturbanc	the English learning attitudes and learning es of students of applied foreign language t of vocational high school
Won-Sik Choi / Kwang-Sik Ahn/ Yoon-Young Cha (Ko	rea)	learning er	ehavioral styles of K-12 to adult learners in e- wironment in Korea – with the development of ring instrument
18.00 - 19.30		RECEPTI	ON / SOCIAL EVENT





# Friday, 27th May 2011, Morning

		Plenary
09.00	Weiping Shi	Introduction into the Day
09.15 - 10.00	Zhiqun Zhao	Keynote 3: School-enterprise Cooperation in China's Vocational Education and Training
10.00-10.15	Coffee Break	

# **Papers Sessions**

Room 1	Workshop I
10.15 - 12.45	Developing Curricula and Qualification Systems Chair: Robert I. Lerman, Reporter: Weiping Shi
Bin Bai (China)	A qualitative research of curriculum development in China further vocational educationstaff's perception
Asko Miettinen/ Kari Viinisalo (Finnland)	Entrepreneurship through apprenticeships: the need, practice and interim evaluation. The Case of Finland
Hui-Chen Hung (Taiwan)	Considerations of curriculum integration of general edu- cation and nursing technology profession
Damian Oliver/ Tom Karmel (Australia)	Pre-apprentice programs and their impact on apprentice- ship completion
12.45 - 13.30	Lunch





# Friday, 27th May 2011, Morning

Room 3	Workshop III	
10.30 - 12.30	Multiple Roles of Universities, Schools and their Teaching and Training Staff.	
	Chair: Bonnie Watt-Malcolm, Report: Ludger Deitmer	
Ludger Deitmer/ Joanna Burchert (Germany) Feng Shi, Yubo Wang (China)	From quality management towards school development – conclusions from a Chinese & German teacher training pilot project	
Hong Lu/ De-quan Zhu (China)	Australian vocational education teachers' qualification and standards – Experience and borrowing from TAA training packages	
Yulin Jin (China)	Research on operation mechanism of new apprenticeship in cultivating model in hospitality management of high vocational college	
Ramli Rashidi/ Hassan Suleiman (Malaysia)/ F. Rauner/L. Deitmer (Germany)	Framework for effective collaboration between public training institute and industries in vocational education and training of apprentices	
Room 4	Workshop IV	
10.30 - 12.30	Measuring Competence Development	
	Chair: Li Ji, Reporter: Lars Heinemann	
Competence diagnostics, related to performance assessment by means of ex- aminations play an important role in national VET systems. This session looks at theories and models that can form a basis for competence diagnostics and psychometric test instruments. The concept of motivation and commitment as a dimension of vocational education is also an important topic to be examined.		
Li Ji (China)/ F.Rauner, L. Heine- mann, A. Maurer (Germany)	Competence development of apprentices and TVET students: A Chinese-German comparative study	
Felix Rauner/Lars Heinemann (Germany)	Measuring vocational competences in eletronic engineering: Findings of a Large scale competence measurement project in Germany	
Ye Tian (China)	Competence development program (CDP) for Beijing TVET teachers	
Kim Taehoon/Liu Jun (Korea)	A Research on Job performance competency of General Technology Teachers in Ordinary High Schools in China	
12.45 - 13.30	Lunch	
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Room 5	Workshop V
10.15 - 12.45	Open Session
	Chair: Moriki Terada, Reporter: Alan Brown
Ursel Hauschildt (Germany) Helen Brown (South Africa)	Costs, benefits and quality in TVET: Method, results and contexts of implementing a self-evaluation tool for companies in Germany and South Africa
Alan Brown/ Jenny Bimrose (UK)	Developmental tasks, vocational development and career adaptability
Moriki Terada (Japan)	International comparative study on the formation of high school students' vocational views and the challenges of vocational and career education
Minying Xu (China)	The practice and research on the win-win school- enterprise cooperation mode linked by assets
Wei-Te Liu/ Fei-Chuan Chen/ Yui-Ming Lai (Taiwan)	Construction of a computerized career cognition compe- tence testing system. Modeling of a Career Planning Cog- nition Model for Technological University Students
12.45 - 13.30	Lunch

# Friday, 27th May 2011, Afternoon

Room 1	Workshop I
13.30 - 15.30	Developing Curricula and Qualification Systems
	Chair: Robert I. Lerman, Reporter: Weiping Shi
Seung-II Na/Young-Mi Seok/ Doo-Jin Jung (Korea)	A model for redesigning levels and types of national technical qualifications based on national competency standards in Korea
Salim Akoojee (South Africa)	National context of apprenticeship training in South Africa: Possibilities and challenges in a new structural order
Ling Deng/Xingshun Qin/ Qingyao Wei (China) Robert I. Lerman (USA)	"Working-learning integrated" curriculum development practice & reflection - Vehicle maintenance as an example Apprenticeships and community colleges in the United States: Complements or substitutes?
Dan J. Brooks (Canada)	Apprentice work process knowledge enhancement in post-recession Ontario
15.30 - 16.00	Coffee Break













Room 3	Workshop III
13.30 - 15.30	Multiple Roles of Universities, Schools and their Teaching and Training Staff.
	Chair: Bonnie Watt-Malcolm, Reporter: Ludger Deitmer
Bonnie Watt-Malcolm (Canada)	Reforming VET pre-service teacher education: The gifted amateur, the seasoned professional, and the skilled tradesperson
Volker Bank/ Thomas Retzmann (Germany)	Training needs analysis in economics teaching. On the suitability of the test of economics literacy (TEL)
Jianrong Zhang/ Luna Huang (China)	Master education of vocational instructors
Yasuhiko Uchida (Japan)	Industrial arts for career plan in junior high school
Room IV	Workshop IV
13.30 - 15.00	Measuring Competence Development
	Chair: Li Ji, Reporter: Lars Heinemann
Carmela Aprea (Switzerland)	Development and testing of a competence-based instru- ment for assessing financial literacy of adolescents
Martin Kröll (Germany)	Competency development between motivational structures and working relationships
Seung-Il Na/Dong-yul Jung/Hae-kyung Lim (Korea)	Updating the assessment criteria for national technical qualifications in Korea
Bambang Trisno/ Fetty Poerwita Sary (Indonesia)	Developing competency model of human resource management (HRM) in vocational education for creative industry
15.30 - 16.00	Coffee Break
	Plenary TALK and INAP Network Meeting: TVET Research – Current State and Needs
16.00 - 17.00	Chair: Felix Rauner
Chair/Reporter of all Workshops	Conclusions
17.00 - 18.00	INAP Members and Conference Participants
	INAP elections (Board and Committee)
18.00	End
AAS VET	





