

## Alumni- Workshop

### **"Competence-oriented Education and Training in the context of Industry 4.0"**

(Vietnamese-German Centre VDZ, Hanoi University of Science and Technology,

March 27<sup>th</sup> - 28<sup>th</sup> 2018)

#### **Day 1 (March 27<sup>th</sup> 2018)**

- 8:30 Registration
- 9:00 Welcoming (Mr. Stefan Hase-Bergen, Director of DAAD Hanoi)
- 9:15 Steffen Kersten, (TU Dresden, Germany)  
*From Taylorism to Industry 4.0 - the development of production structures and consequences for company work requirements*
- 9:45 Nguyen Khang (Vietnam Institute of Educational Sciences VNIES)  
*Vietnam's vocational and higher education in context of the 4<sup>th</sup> industrial revolution*
- 10:15 Tea Break
- 10:30 Tran Khanh Duc (Hanoi University of Science and Technology HUST)  
*The fourth industrial revolution: the role and mission of the universities in delivering a high quality workforce*
- 11:00 Vu Xuan Hung (Directorat of vocational Education and Training)  
*The influences of the fourth industrial revolution on the development of vocational education and training in Vietnam*
- 11:30 Pham Hung Tien (Alumniportal Deutschland in Vietnam)  
*Germany connects us worldwide: Contacts, Careers, Capacities and Cooperation.*
- 12:00 Lunch
- 14:00 Pham Vu Quoc Binh (Directorat of vocational Education and Training)  
*Vietnam vocational and technical education in the challenges of industrial revolution 4.0*
- 14:30 Arinafril (Sriwijaya University, Indonesia)  
*Institutional linkages and innovations as strategic components for successful higher education industrial revolution (HE 4.0)*
- 15h00 Tea Break
- 15:15 Nguyen Anh Tuan (University of Technology and Education Ho Chi Minh City)  
*Digital manufacturing and consequences in vocational education*
- 15:45 Nguyen Thanh Minh (Industrial College Vietnamese-German Thai Nguyen)  
*The fourth industrial revolution and the core skills in vocational competence-oriented training*
- 16:15 Bui Ngoc Son (Hanoi University of Science and Technology)  
*"Digital twin" technology in the development of AR applications*
- 16:45 Summary of the Day, Outlook to the next day
- 18:00 Dinner

## **Day 2 (March 28<sup>th</sup> 2018)**

09:00 Introduction into the Day 2

09:05 Nguyen Thi Huong Giang (Hanoi University of Science and Technology)  
*Impact of Industry 4.0 on Education and Training -Leading to Propose a New Training Program of Instructional Design and Technology at HUST, Vietnam*

09:30 Tran Thi Thu Ha (Directorat of vocational Education and Training)  
*Direction for vocational skills training in the context of industrial revolution 4.0*

09:55 Tea Break

10:10 Nguyen Duy Phan (Nam Dinh Industrial College)  
*The fourth industrial revolution and emerging issues for vocational education institutions on the field of Industry and Trade*

10:35 Pham Van Kien (Industrial University Red Star Hai Duong )  
*Enhancing the competences of teaching staff to meet the requirements of competence-based training*

11:00 Thomas Koehler, (TU Dresden, Germany)  
*Analyzing learning places in TVET: new opportunities through Mixed Reality*

11:30 Closing remarks

12:00 Lunch

15:00 Visiting the Vietnam Research Institute for educational Books and Material,  
12<sup>th</sup> Floor, Diamond Flower Building, Block C1, Le Van Luong Str., Hanoi

15:45 Tea break

16:00 Brainstorming discussion to develop the relationship between our Alumni network in Vietnam and with German Universities

17:00 Closing ceremony