

25th TAOYAKA Program Seminar  
第25回たおやかプログラムセミナー  
第54回企業人材セミナー

参加  
無料

# Some Industrial Aspects of Systems Engineering

Date: Wednesday,  
November 5<sup>th</sup>  
13:00-14:30

Venue: Graduate  
School of  
Engineering  
A1-141,  
Middle  
Conference Room

日時：  
11月5日(水)  
13:00-14:30  
会場：工学研究科  
A1-141中会議室

対象：学生、教職員、  
一般

言語：英語  
Language :English

講師 / Lecturer

**Prof. Dr. Dr.-Ing. h.c. Albert B. Gilg**  
**Siemens AG & TUM, Munich/Germany**  
シーメンスAG / ミュンヘン工科大学名誉教授・工学博士

## 《ABSTRACT》

Systems definition is, first of all, strongly correlated to individual, academic or business viewpoints. Industry business and industry products evolve and increasingly often change abruptly. Even originally quasi-isolated systems like systems-on-a-chip have become embedded systems, in some cases as autonomous systems and nowadays as (sub-) systems-of-systems or cyber-physical systems. Furthermore multi-disciplinary systems, such as mechatronic products, growingly suffer from primary or lead discipline centered engineering approaches. Thus systems engineering as a key industrial capability is still very much challenged to provide adequate assistance by new methods, solutions and tools.

This seminar talk addresses characteristics of a changing industry company with its system products morphing from mechatronic products to cyber-physical systems. It will introduce an adequate system engineering process methodology (under development by a German consortium) and highlight some key challenges in engineering product and systems optimization with increasing impact of demand for robustness and uncertainty management.

\* 申込み・問い合わせ先/Contact \*

広島大学グローバルキャリアデザインセンター/Global Career Design Center (担当 砂谷・堺原)

E-mail : wakateyousei@office.hiroshima-u.ac.jp TEL : 082-424-4564

URL : <http://www.hiroshima-u.ac.jp/wakateyousei/>

\* 申込方法 : 1.第54回 2.名前 3.所属 4.学年(職名)を明記して、Eメールにてご連絡ください。  
Contact us for registration with your name, affiliation and grade