



Dr. Christoph Anz, 13.10.2011

# A CAREER FOR INNOVATION: DOCTORAL CANDIDATES ROLE IN THE EUROPE OF KNOWLEDGE

**THE COOPERATION OF UNIVERSITY-ENTERPRISES IN THE DOCTORAL CANDIDATES TRAINING.**

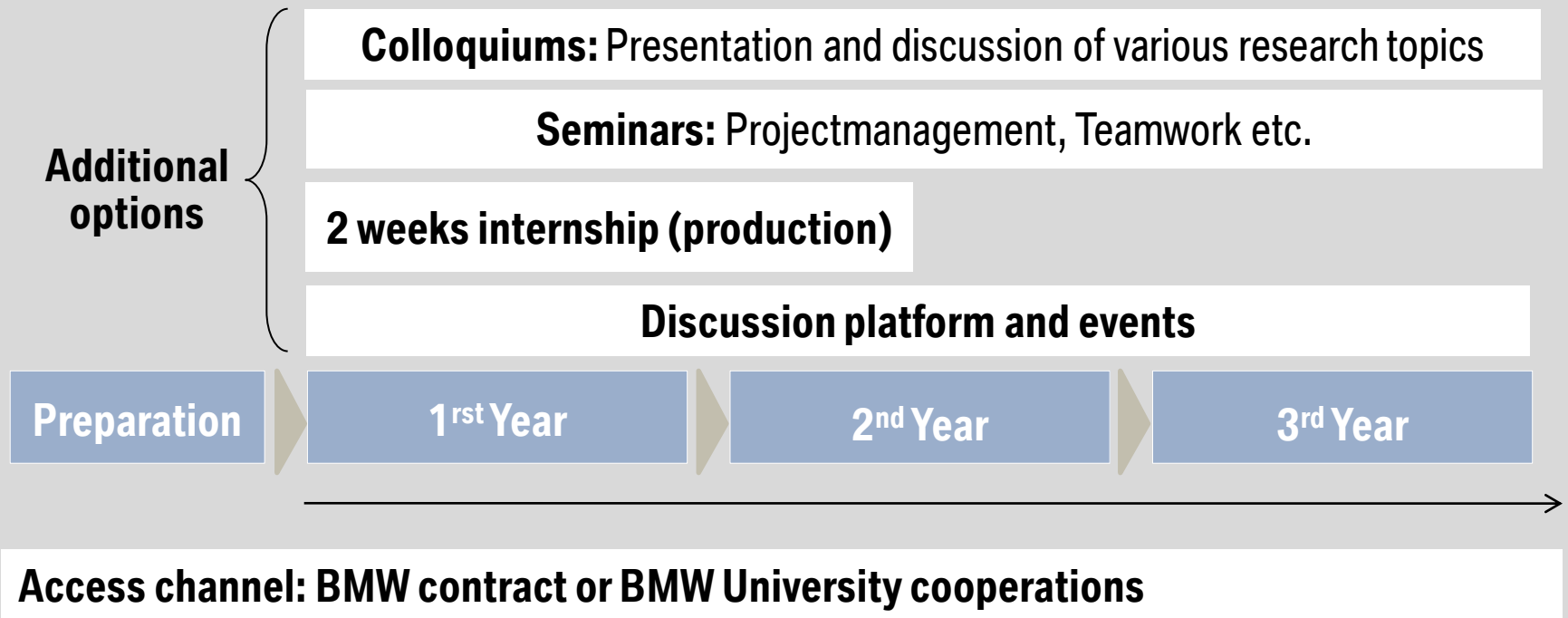
**BMW  
GROUP**



# ANALYSIS OF CURRENT SITUATION.

- Because of their expert knowledge and scientific excellence background, doctorates are an important resource for the company.
- However, the academical training at university mainly focuses on the scientific teaching of the students.
- Only a small percentage of graduates starts a career in the scientific community.
- In the world of work, apart from scientific knowledge, soft and team skills as well as practical experience are particularly important, in order to be able to put research knowledge into practise.
- Therefore these skills should be implemented at an early stage in the academical training of doctorates (and students as well).

# THE BMW PROMOTION PROGRAMME OFFERS AN INTERDISCIPLINARY DEVELOPMENT SCHEME BEYOND THE DOCTORAL THESIS.



The additional options within the Promotion Programme for doctorate candidates provide an excellent fit for the integration in the enterprise.

# QUALITY CIRCLE OF PROGRAMS OF HIGHER EDUCATION.

## **Quality assurance**

Is employability a criterium in terms of the internal quality assurance process? Are representatives of the professional field involved into the internal quality assurance process?

## **Programme development**

Is there a description of the principal professional field(s) at which the course targets? Do the attributes, the programme aims at, correspond to the qualificational demands in the professional field? Are the objectives of the programme coherent? Are representatives of the professional field involved into the development of the programme?

Employability

## **Goal attainment**

Do surveys in the world of work (e.g. analysis of take-up and employment, consultation with alumni and employers etc.) prove that the programme conveys employability?

## **Programme implementation**

Coherence of the curriculum, the access criteria, the assessment procedures as well as the teaching methods with the overall goal of employability. Are the planned resources appropriate to convey employability?

# THESE CRITERIA ENSURE THE EMPLOYABILITY OF DOCTORATES IN THE WORLD OF BUSINESS.

- Integration of practice during the conception and implementation of the course of studies.
- Integration of practice in teaching and research.
- Practical experience of the students and graduates.
- Soft skills, such as: appropriate linguistic and written expression ability in English, team-competencies, entrepreneurial thinking and acting, creativity and flexibility in the use of knowledge – and others, depending on the field of work.

**THANK YOU.**