

THE RALLYE FOR GOOD DUAL EDUCATION IN INDUSTRY 5.0

A CHALLENGE FOR ACADEMIA AND INDUSTRY

HANS-PETER BERNHARD
SILICON AUSTRIA LABS / JKU LINZ



SAL

SILICON AUSTRIA LABS

JKU

JOHANNES KEPLER
UNIVERSITY LINZ

YOU NEED HARDWARE TO ATTRACT

- ≡ Industry contributes if they see benefit
 - ≡ Educated people
 - ≡ Projects
- ≡ Seeing means seeing
 - ≡ Prototypes up to TRL 6/7
- ≡ Academic education is the ingrediency
 - ≡ Settled basic knowledge
 - ≡ Open minded innovative people



SUMMER SCHOOL TO ATTRACT



ORGANISERS



SUMMER SCHOOL TO ATTRACT



- 40 Students out of 300 accepted for the school
- Promoted by the 3 organizations
- General topic of electronics but this is a first approach and they want to do it again

ONE EXAMPLE

SAL-DC

- ≡ Encompasses all SAL (fully or partially) funded doctoral students
- ≡ Serves as a framework for pursuing a PhD in SAL
- ≡ Provides a Faculty that allows grading of students
- ≡ Offers an enrolment process for new students via
 - ≡ Open calls
 - ≡ Individual PhD topics
- ≡ Provides a training program
- ≡ Aims for a renown scientific profile to support the career of its members



Doctoral College

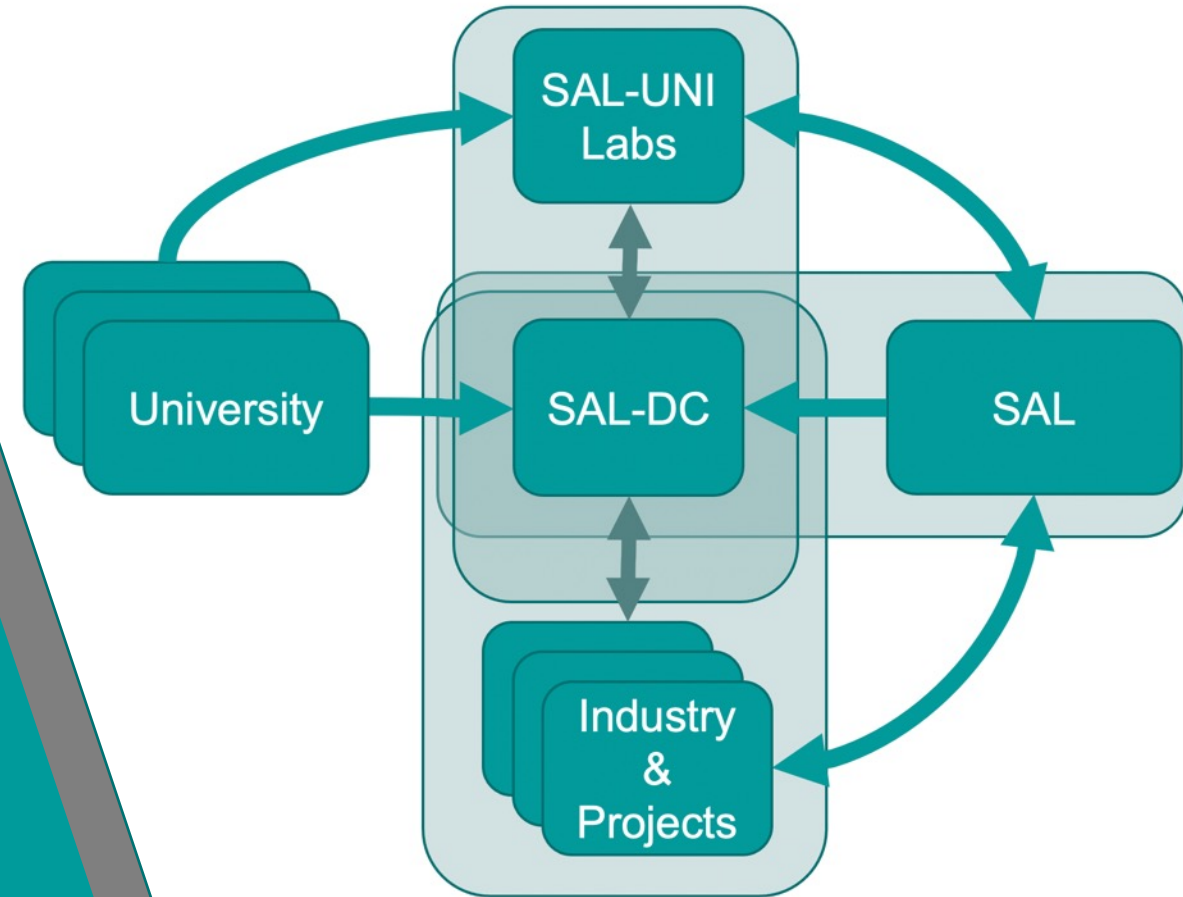
Electronic Based Systems

TU Graz / JKU LIT / AAU Klagenfurt



STRATEGIC MOTIVATION

- ≡ Allows high-level education of PhD students
- ≡ Fosters collaboration based on statutes with
 - ≡ Universities for fundamental research
 - ≡ Industry on applied research topics
- ≡ Represents a perfect platform for
 - ≡ Basic research in SAL-UNI Labs
 - ≡ In-house research of SAL
 - ≡ Cooperative research with industry
- ≡ Serves as an interconnectivity & exchange platform between SAL sites and groups
- ≡ Offers education and research in one flexible unit



Doctoral College

Electronic Based Systems

TU Graz / JKU LIT / AAU Klagenfurt