As Dassault Systemes' **EDU Center of Excellence**, we are happy to support you with experienced specialists according to your needs in the form of workshops, upgrade courses, feasibility studies, concepts, research projects and small services in the following areas:

CAD

- CAD basics & working methods
- CAD advanced (skeleton-technique, publications, kinematics, automations ...)
- Modeling methods (solid / freeform surface / subdivision modeling)
- Technical documentation

Digitalization in the product development process and in production

- 3D Master (Basics & Processes: PE to QA)
- PLM basics & processes (release/change processes, concurrent engineering, DB)
- Digital Twin: - Framework DT
                        - RFLP implementation (Requirements Management, Functional Analysis,
                          Logical Architecture Definition, Physical Prototype -> V-Model)
                        - Simulator for software development of plants
- XR (Mixed Reality for product development and production)
- Automation of processes (process control / data concepts)
- System integration (hardware components such as sensors, motors, control, SW-API)
- Human Design & Human Animation & XR (Ergonomics & Haptics Studies)

Marketing & Design

- 3D Configurator & Creative Experiences (Visualization and Functional Animation)
- Industrial design methods, live rendering (photorealistic images from 3D scene)
- XR (virtual prototypes)

Quality Assurance (QA)

- 3D scanning incl. reverse engineering, comparison of scan data with original CAD
- 3D master process in QA

We will be happy to answer any questions you may have or to provide you with an individual offer on the above topics.

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07/03/23