

Danube Transnational Programme

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Interreg



EUROPEAN UNION

Danube Transnational Programme

Smart Factory Hub

E-Publication

**SMART FACTORY HUB - IMPROVING RD AND BUSINESS
POLICY CONDITIONS FOR TRANSNATIONAL COOPERATION
IN THE MANUFACTURING INDUSTRY**

Smart Factory HUB Training Tool

Reduction of knowledge gaps

Facilitate knowledge transfer

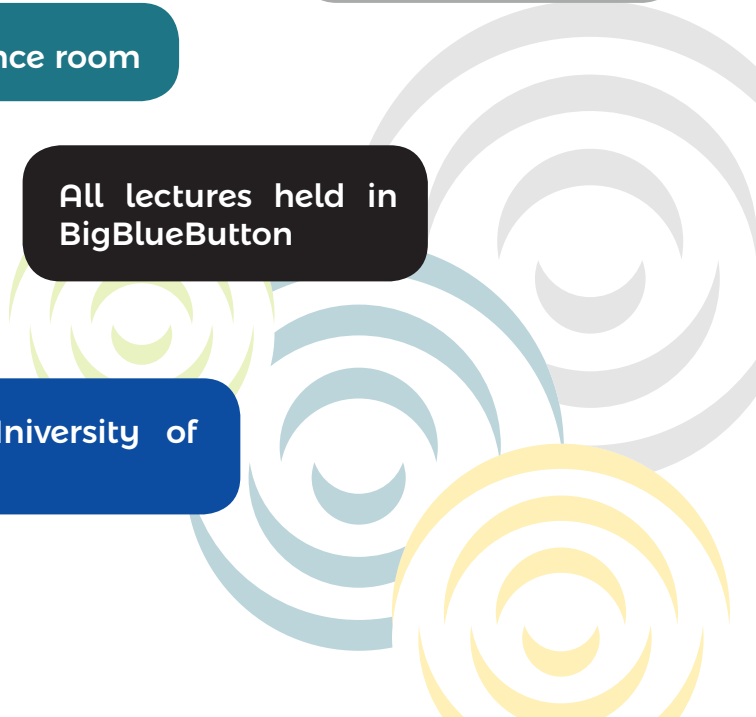
Courses on the topic of Smart Manufacturing

Contact with other users

Online conference room

All lectures held in BigBlueButton

Developed by University of Stuttgart



What can you learn?

The following courses are available in this platform:

 Novel technologies for Smart manufacturing

 Production Process models supporting Smart Manufacturing

 HR management systems supporting Smart manufacturing

 Additional topics

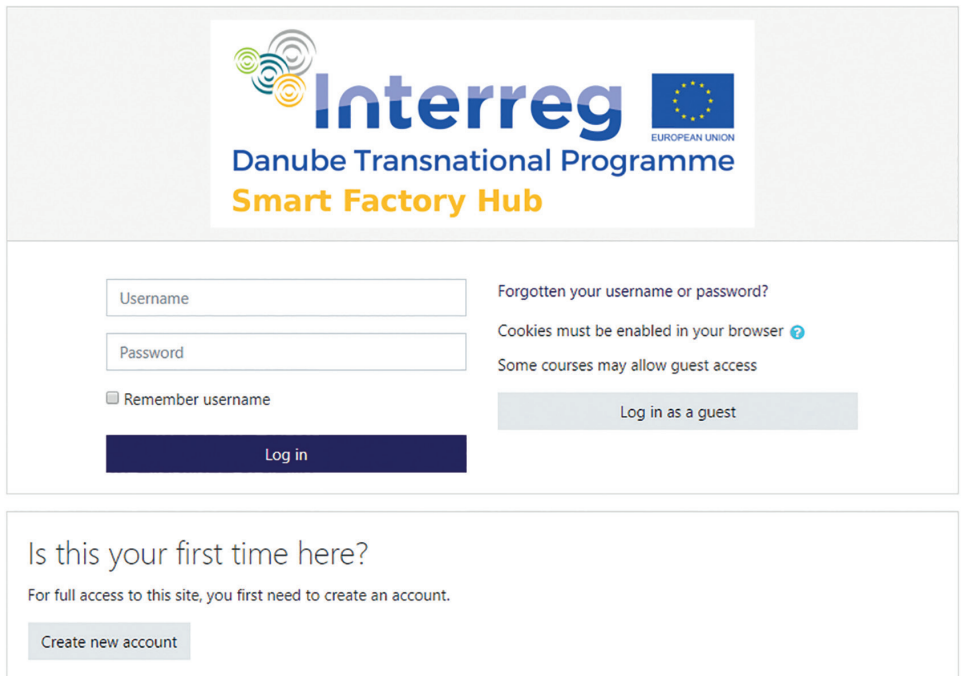
 SFH Training Academy



 Webinars



How to use the platform?

The access to the E-Learning platform is provided through the following web page link: <https://elp.iao.fraunhofer.de/moodle/>. To login with an existing account it is necessary to click on the “Log in” button in the upper right corner on the front page. If there is no existing user account, it is possible to create a new one.



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Username

Password

Remember username

[Forgotten your username or password?](#)

[Cookies must be enabled in your browser ?](#)

[Some courses may allow guest access](#)

Is this your first time here?

For full access to this site, you first need to create an account.

After logging in with the user account, you are redirected to the home-site. Here you can see all courses with a short description and all available additional offers. Events and announcements are displayed on the right-hand side. On the left-hand side, the tabs „Dashboard”, “Calendar”, “Private files” are selectable.

Home

- Dashboard
- Calendar
- Private files
- Site administration

Interreg Danube Transnational Programme Smart Factory Hub

Smart Factory Hub E-Learning Platform

Smart Factory Hub E-Learning Platform features the following aspects:

- More than 40 courses with training material and interactive sessions
- More than 100 Smart Factory Solutions (16n solutions per country)
- Conferencing Functionality and Glossary on Smart Manufacturing

- Glossary
- Mapping Tool
- Access to conferencing session
- How to use the tool

Available courses

- Novel technologies for Smart manufacturing
- Production process models supporting Smart Manufacturing

Novel technologies in general, e. g. Industry 4.0, IoT, Cyber physical systems.

Lean manufacturing, PIM – digital production planning, Tandem for X, 6 SIGMA, 5DP, RMA, TPM, KAIZEN

Courses

- Novel technologies for Smart manufacturing
- Production process models supporting Smart Manufacturing
- HK management systems supporting Smart manufacturing
- Additional topics
- SFH Training Academy
- Webinars
- All courses ...

Upcoming events

There are no upcoming events
Go to calendar...

Latest announcements

(No announcements have been posted yet)

After clicking on a course, for example on “Novel technologies for Smart manufacturing”, you are able to enroll for the course. After completion, the course opens up and the course modules become visible.

Novel technologies for Smart manufacturing

Home / Courses / NovTech

Your progress

Announcements

Next-gen manufacturing systems

Next-gen manufacturing systems make automated and smart decisions (e.g. production scheduling), offer intelligent machine applications, seamless engineering integration and allow for remote visualization, monitoring, control, alerts, production scheduling and execution.

- Smart Factory and manufacturing
- Further content

Cloud storage/ processing

Cloud storage/processing offer data storage and application processing on secure cloud servers.

- Edge, Fog and Cloud
- Further content

Courses

- Novel technologies for Smart manufacturing
- Production process models supporting Smart Manufacturing
- HK management systems supporting Smart manufacturing
- Additional topics
- SFH Training Academy
- Webinars
- All courses ...

Participants

Badges

Competencies

Grades

General

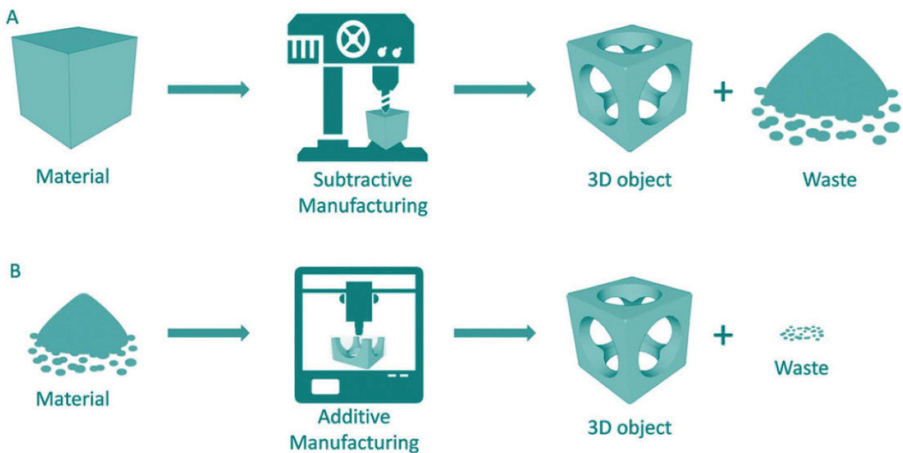
- Next-gen manufacturing systems
- Cloud storage/ processing
- Data analytics
- Cybersecurity
- Intelligent sensors/ actors
- Cyber physical systems
- Mobile Workforce
- Additive manufacturing
- Robotics
- Physical and cognitive assistance

On the home site there is a button “Access to conferencing session” which allows you to access BigBlueButton for conferencing sessions and recording for later use.

The screenshot shows the 'Smart Factory Hub E-Learning Platform' interface. On the left is a navigation menu with 'Home', 'Dashboard', 'Calendar', 'Private files', and 'Site administration'. The main content area features the Interreg logo and a list of platform features: 'More than 40 courses with training material and interactive sessions', 'More than 100 Smart Factory Solutions (16n solutions per country)', and 'Conferencing Functionality and Glossary on Smart Manufacturing'. A yellow box highlights the 'Access to conferencing session' link. Below this are links for 'Glossary', 'Mapping Tool', and 'How to use the tool'. On the right, there are sections for 'Courses' (listing various smart manufacturing topics) and 'Upcoming events'.



What is additive Manufacturing??





Discover more about

Smart Factory HUB

<http://www.interreg-danube.eu/approved-projects/smart-factory-hub>

Smart Factory Cooperation Platform (SFCP)

<http://www.p-tech.si/sfh-mapping/>

Smart Factory HUB E-learning Platform

<https://elp.iao.fraunhofer.de/moodle/>

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