



# Olaf Neubauer

## ABOUT ME

Member of Fusion for Energy Technical Advisory Panel

## WORK EXPERIENCE

**01/01/2014 – CURRENT** – Jülich, Germany

### Senior researcher

Forschungszentrum Jülich GmbH

Project leader for Jülich program on plasma surface interactions in 3D plasma boundary at Wendelstein 7-X,

Responsible for diagnostic and heating development projects,

Responsible for planning of corresponding experimental program at W7-X

**01/01/2006 – 31/12/2013** – Jülich, Germany

### Senior Researcher

Forschungszentrum Jülich GmbH

Responsible for operation of the TEXTOR tokamak,

Responsible for engineering projects for ITER, W7-X and JET,

Member of Fusion for Energy Technical Advisory Panel

Scientific Secretary of the LOC of SOFT 2012

Guest editor of Fusion Engineering and Design SOFT 2012 special issue

Participation in the German ITER Industry Forum (dIIF)

**01/06/1994 – 31/12/2005** – Jülich, Germany

### Engineer and scientist

Forschungszentrum Jülich GmbH

Substitute of the head of the technical department of the institute,

Coil design, field simulation, network simulation, controller design, tests at the tokamak TEXTOR,

Scientific experiments on the optimization of the tokamak operation,

Consulting of scientists on implementation of experiments,

Design, engineering and commissioning of DC and medium frequency power converters,

Supervision of scientific co-operation with international partners,

Radiation protection officer

**01/01/1991 – 31/05/1994** – Mannheim, Germany

### Electrical design engineer

ABB Transformatoren GmbH

Layout of power transformers

**01/01/1989 – 31/12/1990** – Reichenbach, Germany

### Application software developer

Transformatorenwerk Reichenbach GmbH

Software development and management of the IT group

## EDUCATION AND TRAINING

**01/04/1987 – 31/12/1988** – Dresden, Germany

● **Doktor-Ingenieur (PhD in Engineering)**

Technische Universität Dresden

<https://tu-dresden.de/>

**01/09/1983 – 31/03/1987** – Dresden, Germany

● **Diplomingenieur (equiv. Master Degree) in Electrical Engineering**

Technische Universität Dresden

<https://tu-dresden.de/>

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** German

**OTHER LANGUAGE(S):**

English

**Listening**  
C1

**Reading**  
C1

**Spoken  
production**  
C1

**Spoken  
interaction**  
C1

**Writing**  
C1

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## DIGITAL SKILLS

Microsoft Office / Outlook / Zoom / Skype / Social Media