

## Marie Skłodowska-Curie PostDoc Positions in Germany

### “Expression of Interest” for hosting Fellows

This template should be used by institutions interested in hosting post-doctoral fellows within the Marie Skłodowska-Curie Individual Fellowship programme. Hosts should be located in Germany.

#### 1. Valid for the following Calls:

<input type="checkbox"/> 2017
<input checked="" type="checkbox"/> 2018
<input checked="" type="checkbox"/> 2019
<input type="checkbox"/> 2020

#### 2. Interested institution (legal person):

Robert Bosch GmbH, Powertrain Solutions  
70469 Stuttgart-Feuerbach

#### 3. Institute/Department:

Powertrain Solution, Lambdasensor Development, Sensor Function (PS-XS/EXE3)

#### 4. Position, scientific requirements, topic, discipline\*:

Rough outline/ idea of PostDoc Position:

The Robert Bosch GmbH lambda sensor development section is inviting potential eligible candidates who wish to apply for MSCA IF with us as a Host Institution in Advanced materials engineering, in particular in the field of high-temperature multilayer oxygen sensors.

The tasks of research are:

- Interactions between organic (e.g binder; plasticizer...) and inorganic components (eg. Ceramic powder; precious metal powder) in high filled ceramic systems (dispersion systems or ceramic substrates),
- analysis and modelling in-situ and in operando characterization,
- chemical processing technology.

Background in chemistry or polymer sciences or related subjects and knowledge in polymers analytic and thermomechanical analysis are beneficial. For further details, candidates are invited to contact us directly including a short CV and a field of interest.

\*Please tick:

(according to [scientific subject areas](#), defined by the German Research Foundation)

- Life Sciences
- Natural Sciences
- Engineering Sciences
- Social Sciences and Humanities

**5. Contact person (name and e-mail address):**

Aude Muller,  
Project manager (PS-XS/EXE3),  
[Aude.muller@bosch.com](mailto:Aude.muller@bosch.com)

**6. Deadline<sup>1</sup> for considering interests by post-doctoral applicants:**

**1 month prior to application deadline fellowshiw**

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<sup>1</sup> Please consider that the preparation of a Marie Skłodowska-Curie proposal requires some time. Fellow and supervisor have to agree on a project and training opportunities for the fellow.