

# Eduardo Calixto

is authorised to bear the title of

## AFSP

### Automotive Functional Safety Professional

The following qualifications are confirmed through the title:

- ✚ Extensive knowledge of the contents of the ISO 26262 standard
- ✚ Extensive knowledge regarding the interpretation of the requirements resulting from ISO 26262
- ✚ Extensive knowledge of the methodology to implement the requirements according to ISO 26262

The certification is based on the following qualification measures:

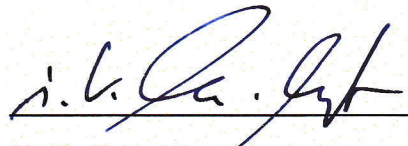
- ✚ Attendance of the specific technical seminars of SGS-TÜV Saar to interpret and apply ISO 26262 (Modules K2 to K6) or comparable training activities
- ✚ Successful AFSP test participation

*This certificate will be valid until:*

8<sup>th</sup> December 2020



Marcus Rau  
Global Operations & Training Manager  
Functional Safety



Martin Schmidt  
Global Manager  
Functional Safety



Certificate number: 2307  
Certificate issued on: 27<sup>th</sup> Dec. 2017

SGS-TÜV Saar GmbH  
Functional Safety &  
Cyber Security  
Hofmannstr. 50  
81379 Muenchen  
Germany

This is to certify that

**Eduardo Calixto**

has successfully completed the training Functional Safety according to ISO 26262

**Management of Functional Safety –  
safety process – supporting  
processes  
Module K2**

in Munich, 04<sup>th</sup> December 2017

**Content:**

- **Introduction into Functional Safety**
- **Required safety processes**
- **Complementary processes in development**
- **Supporting processes**
- **Responsibilities of safety managers**
- **Safety life cycle**

Munich, 04<sup>th</sup> December 2017

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Peter Hellmann

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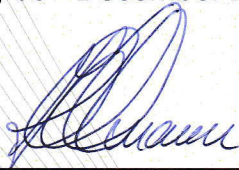
**Concept development – From risk analysis to the Functional Safety concept  
Module K3**

in Munich, 05<sup>th</sup> December 2017

**Content:**

- **Concept phase**
- **Item definition requirements**
- **Initiation of safety life cycle**
- **Hazard analysis and risk assessment**
- **Derivation of Functional Safety requirements**
- **Elaboration of the Functional Safety concept**

Munich, 05<sup>th</sup> December 2017

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Peter Hellmann

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**System development – Technical safety concept and system design  
Module K4**

in Munich, 06<sup>th</sup> December 2017

**Content:**

- **System development**
- **Interface definition**
- **Specification of system safety requirements**
- **Technical safety concept**
- **System design**
- **Integration tests and process steps to the point of production approval**

Munich, 06<sup>th</sup> December 2017

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Peter Hellmann

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**Hardware development – Safety oriented hardware development according to ISO 26262-5 Module K5**

in Munich, 07<sup>th</sup> December 2017

**Content:**

- **Hardware development**
- **Specification of hardware safety requirements**
- **Interfaces for system and software development**
- **Architectural metrics**
- **Probabilistic metric**
- **Testing measures**

Munich, 07<sup>th</sup> December 2017

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Peter Hellmann

The logo for SGS, consisting of the letters 'SGS' in a bold, sans-serif font, with a vertical red line to the right of the letters.The logo for TÜV Saar, featuring the letters 'TÜV' in a large, bold, sans-serif font, with 'S A A R' in a smaller font below it.

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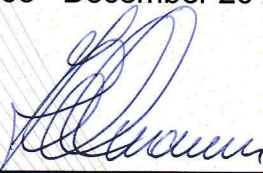
**Software development –  
Safety-oriented software development  
according to ISO 26262-6  
Module K6**

in Munich, 08<sup>th</sup> December 2017

**Content:**

- **Software development**
- **Software development process**
- **Specification of software safety requirements**
- **Software safety architecture**
- **Software module design**
- **Software integration and tests**

Munich, 08<sup>th</sup> December 2017

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Peter Hellmann