

Business Profile

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Roman Frank Starbek

PHILOSOPHY

SMART - create products that are characterized by a high intelligence content

SIMPLE - just implement what's needed, not what's possible

SWIFT – success projects with a great amount of experience

PERSONAL DATA

Birthday: 28.04.1971

Place of birth: Leverkusen

Nationality: german

CONTACT

Telephone: +49 (0) 21 74 / 666 32 67

Mobile: +49 (0) 1523 / 767 41 22

E-Mail: roman.starbek@designXtronics.de

Web: www.designXtronics.de

Address: Kapellenweg 7
51399 Burscheid
GERMANY

 www.xing.com/profile/RomanFrank_Starbek

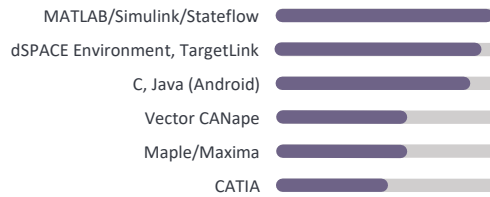
 www.linkedin.com/in/roman-starbek-98019115a

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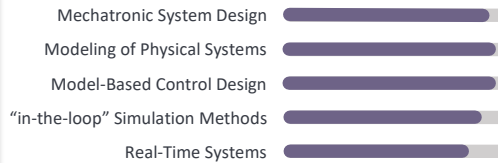
smart.simple.swift.

KNOW HOW

PROGRAMMING



MECHATRONICS



TRAININGS

- Professional Requirements Engineering and Management (Software Quality Lab, 2016)
- Yellow Belt Training (Vaillant Group, 2015)
- PRINCE2, Projekt Management (APMG international, 2014)
- ASM Vehicle Dynamics (dSPACE, 2014)
- Provisional Assessor Automotive SPICE® (VDA QMC, 2014)
- DIN EN ISO 9001:2008 (TÜV Süd, 2013)
- AUTOSAR (Gigatronik, 2011)
- Vehicle Chassis Control Systems (IIR, 2003)
- CAN (Gigatronik, 2005)
- Communication, Sales, Presentation, Employee Management (Gigatronik, 2003-2005)
- Road Safety Training (Mercedes, 2001)

FOCAL POINTS

MATLAB Tool & GUI Development

Function & Algorithm Development

Rapid Control Prototyping

Test Bench Development

Consulting: Methods, Tools & Processes

Control Systems (e.g. Vehicle Dynamics, Chassis &

Powertrain Control, Fuel Cell Systems, Thermodynamics)

Numerical Optimization

PROFESSIONAL BACKGROUND

INNOVATIVE PRODUCT DEVELOPMENT



PUBLICATIONS

- R. Starbek, C. Michalik: "Model-based Design of Thermotronic Systems", Congress European Heat Pump Summit, 24.-25. Oktober 2017, Messe Nürnberg
- R. Starbek, U. Class: "Vom Prototyp zum Seriencode: Werkzeuggestützte Prozessoptimierung zur automatischen Festkomma-Codegenerierung", Zeitschrift "Elektronik Automotive", WEKA Fachzeitschriften-Verlag GmbH, Ausgabe 1/2005
- R. Starbek, U. Class: "Ein Werkzeug zur automatischen Konvertierung einer ausführbaren Spezifikation in Steuergerätecode für Festkommaprozessoren", 6. Internationales Stuttgarter Symposium Kraftfahrwesen und Verbrennungsmotoren, 22.-24. Februar 2005, Stuttgart
- A. Farrenkopf, R. Starbek: "FlexRay Expansion Board for Universal Prototype ECU Platforms", Sonderheft "FlexRay" der Zeitschrift "Automotive Electronics & Systems" (Hanser Verlag), FlexRay Product Day, 23. September 2004, Congress Centrum Böblingen
- R. Starbek, H. Henrichfreise und U. Kiffmeier: "Autoskalierung dynamischer Systeme zur Codegenerierung für Festkommaprozessoren", 5. VDI-Mechatroniktagung 2003, 7.-8. Mai 2003, Fulda
- H. Henrichfreise, R. Starbek und J. Reuter: "HIL-Friction Simulation for Experimental Testing of Position Control Schemes", XI. Deutsch-Polnisches Seminar, FH Köln, Oktober 1999