




Wensong Shen

Date of birth: 28/09/1992


Nationality: Chinese

Gender: Male

CONTACT

 Friedrich-Paffrath-Str. 101,
26389 Wilhelmshaven, Germany
(Work)

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 (+86) 13923780847

EDUCATION AND TRAINING

10/2018 – CURRENT – Timisoara, Romania

Doctoral Candidate

Universitatea Politehnica Timișoara

Address Victoriei 2, Timisoara, Romania

09/2016 – 01/2018 – Wilhelmshaven

Master of Engineering

Jade University of Applied Sciences

Address Friedrich-Paffrath-Straße 101, Wilhelmshaven

06/2012 – 09/2016 – Wilhelmshaven, Germany

Bachelor of Engineering

Jade University of Applied Sciences

Address Friedrich-Paffrath-Straße 101, Wilhelmshaven, Germany

WORK EXPERIENCE

04/2021 – CURRENT – Shenzhen, China

Electrical engineer

VMAX New Energy Co., Ltd

Mainly responsible for the hardware development of OBC/DCDC for electric vehicles

PROJECTS

10/2016 – 10/2018

Demonstration of Small 4-Wheel fuel cell passenger vehicle Applications in Regional and Municipal transport

<https://www.swarm-project.eu/project-information.html>

Participation in the development of a power converter for fuel cell electric in the SWARM project

PUBLICATIONS

Control Strategy for DC/DC Converter in Drive Train of Fuel Cell Vehicles

2021

W. Shen, I. -M. Pop-Calimanu and F. Renken, "Control Strategy for DC/DC Converter in Drive Train of Fuel Cell Vehicles," 2021 IEEE 19th International Power Electronics and Motion Control Conference (PEMC), 2021, pp. 243-249.

Soft Switched Multiphase Converter with Parallel Resonant DC-Link Circuit

2020

W. Shen, F. Renken and D. Lascu, "Soft Switched Multiphase Converter with Parallel Resonant DC-Link Circuit," 2020 International Symposium on Electronics and Telecommunications (ISETC), 2020, pp. 1-4.

A New Multiphase ZVT-PWM Synchronous Buck Converter

2020

W. Shen, F. Renken and D. Lascu, "A New Multiphase ZVT-PWM Synchronous Buck Converter," 2020 International Symposium on Electronics and Telecommunications (ISETC), 2020, pp. 1-4.

● A Novel Concept to Control the Powertrain in Battery Fuel Cell Hybrid Vehicles

2018

F. Renken, D. Piwczyk, W. Shen, I. -M. Pop-Calimanu and R. Steinberger-Wilckens, "A Novel Concept to Control the Powertrain in Battery Fuel Cell Hybrid Vehicles," 2018 20th European Conference on Power Electronics and Applications (EPE'18 ECCE Europe), 2018, pp. P.1-P.9.

● Multiphase DC/DC Converter and its Use in the Powertrain of Fuel Cell Vehicles

2018

F. Renken, W. Shen, U. Schürmann and I. -M. Pop-Calimanu, "Multiphase DC/DC Converter and its Use in the Powertrain of Fuel Cell Vehicles," 2018 IEEE 18th International Power Electronics and Motion Control Conference (PEMC), 2018, pp. 280-286.

● Test bench to optimize the Powertrain in Battery-Electric and Fuel-Cell Vehicles

2018

W. Shen, I. -M. Pop-Calimanu and F. Renken, "Test bench to optimize the Powertrain in Battery-Electric and Fuel-Cell Vehicles," 2018 International Symposium on Electronics and Telecommunications (ISETC), 2018, pp. 1-4.

● Multiphase hybrid buck-boost converter with wide conversion ratio

2017

F. Renken, W. Shen, C. Wang, I. -M. Pop-Calimanu and A. Ciresan, "Multiphase hybrid buck-boost converter with wide conversion ratio," 2017 19th European Conference on Power Electronics and Applications (EPE'17 ECCE Europe), 2017, pp. P.1-P.9.

LANGUAGE SKILLS

MOTHER TONGUE(S): Chinese

OTHER LANGUAGE(S):

German

Listening
B2

Reading
B2

Spoken production
B2

Spoken interaction
B2

Writing
B2

English

Listening
A2

Reading
A2

Spoken production
A2

Spoken interaction
A2

Writing
A2
