


Linksammlung für Veröffentlichungen aus FloWKar

22 FloWKar StatusterminBMW Bonn 28.08.2019

Veröffentlichungen



- **Wissenschaftlicher Beirat des DWD**, Offenbach 20.2.2019
Vortrag: *„Real Time Weather via Crowd Sourcing and Ultra Rapid data assimilation“*
- **International Symposium on Data Assimilation ISDA**
 - ISDA2018, München 5.-9.3.2018
Poster: *„Ultra Rapid Data Assimilation based on Ensemble Filter - Real time weather“*
 - ISDA2019, Kobe 21.-24.1.2019
Vortrag: *„Ultra Rapid Data Assimilation for real time weather“*
Poster: *„Real time weather for autonomous driving based on seamless integration of Ultra Rapid Data Assimilation and Nowcasting“* - **Best Poster Award**
- **Workshop on Crowdsourced data**, Kopenhagen 4.-5.12.2018
Vortrag: *„NWP System at Deutscher Wetterdienst (DWD) and first experiences with crowd source data“*
Präsentiert von Alexander Cress (DWD, FE12)
- **Forum der Meteorologische und Modellierung Abteilung des DWD**, Offenbach 14.8.2018
Vortrag: *„Echtzeitwettervorhersagen mittels Assimilation von Auto-Beobachtungen“*
- **SIRWEC International Road Weather Conference**, Slowakei 24.05-01.06.2018
Poster: *„FloWKar: Using high-resolution data from vehicle sensors to improve operational weather products“*
- **TAC-ITS Transportation Conference and Exhibition, Halifax, Kanada, 22. – 25.08.2019**
Vortrag: *„Fleet Weather Map - A Project to Integrate Floating Car Weather Data into the Field of Automated Driving“*
Meike Hellweg (KIT), Jens Nachtigall (AUDI AG), et.al.

Vertraulich – nur für den projektinternen Gebrauch

European Nowcasting Conference 2019, Madrid, Spain (Vortrag)

Passenger car data as a new source of real-time weather information for nowcasting, forecasting and road safety; Hella Riede¹; J.W. Acevedo-Valencia¹; A. Bouras¹; Z. Paschalidi¹; M. Hellweg²; K. Helmert¹; R. Hagedorn¹; R. Potthast¹; T. Kratzsch¹; J. Nachtigall³; ¹ DWD – Deutscher Wetterdienst, Germany; ² KIT – Karlsruhe Institute of Technology, Germany; ³ Audi AG, Germany.

https://enc2019.aemet.es/wp-content/uploads/2019/05/ENC2019_BOOK-OF-ABSTRACTS.pdf#page=6

SIRWEC POSTER 2018

<http://develop.sirwec.org/wp-content/uploads/Papers/2018-Smolence/P5.pdf>

International Symposium on Data Assimilation, 21-24.01.2019, Kobe, Japan

Talk:

<http://www.data-assimilation.riken.jp/isda2019/program/abstracts/16-4.html>

“Ultra Rapid Data Assimilation for Real Time Weather”, W.Acevedo, Z.Paschalidi, C.Welzbacher, R. Potthast

Poster:

<http://www.data-assimilation.riken.jp/isda2019/program/abstracts/p3-7.html>

“Real time weather for autonomous driving based on seamless integration of Ultra Rapid Data Assimilation and Nowcasting”, Z.Paschalidi, W.Acevedo, A.Bouras, H.Riede, R.Potthast, R.Hagedorn, K.Helmert, J.Nachtigall

Workshop on Crowdsourced Data, 4-5.12.2018, Copenhagen, Denmark

Published report in the Danish Royal Meteorological Society (RMetS) Atmospheric Science Letters.

“Atmospheric Science Letters Collecting and utilising crowdsourced data for numerical weather prediction: Propositions from the meeting held in Copenhagen, 4-5 December 2018”, March 2019

Publications

“Ultra Rapid Data Assimilation Based on Ensemble Filters”, R. Potthast and C.A. Welzbacher, Front. Appl. Math., Stat. 4:45, 2018.