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Google Scholar publication record:
http://scholar.google.de/citations?user=SLRGW_IAAAAAJ&hl=de&cstart=0&pagesize=20

“Publications and Presentations”

- **I. Theses**


- **II. Edited Books and Special Issues of Scientific Journals and Bulletins**


III. In Scientific Journals (referred in Science Citation Index)


IV. In Journals, Edited Books, Bulletins and Periodicals


and application to aerodynamic flows and swirl combustors. *ERCOFTAC Bulletin*, No. 72, pp. 33-40


**V. In Proceedings of Symposia with Review-Process**


neering Turbulence Modelling and Measurements (ETMM8), Marseille, France, June 9-11


axial jets in a combustor configuration: LES and modelling study. 5th International Symposium on Turbulence and Shear Flow Phenomena (TSFP5), Munich, Germany, August 27-29


• VI. Invited Lectures/Presentations (In Book of Abstracts)


• VII. In Book of Abstracts of Symposia with Review-Process


... engine configurations. **EUROMECH Colloquium 469 “LES of Complex Flows”, Dresden, Germany, October, 6-8**


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**VIII. (Eingeladene) Vorträge / (Invited) Lectures (a selection)**


[3] 2003, June 20th, Keio University, Yokohama, Japan: “Some recent topics/issues in turbulence modeling: homogeneous dissipation concept and hybrid EVM/RSM strategy”


[13] 2007, January 22nd, Technische Universität Darmstadt, Germany, DFG-CNRS Workshop on LES of Complex Flows: “Merging near-wall RANS models with LES for separating and reattaching flows: method development and application to aerodynamic-type flows and swirl combustor configurations”

[14] 2007, February 26th, Texas A&M University, College Station, TX, USA: “Modelling and Simulating Turbulence with Prof. K. Hanjalic: a Recollection of Joint Activities (Achievements)”


[16] 2007, November 29th, Technische Universität Karlsruhe, Germany, Universitätsöffentlicher Colloquium im Rahmen der Besetzung einer W3-Professur: „Die Zukunft der Strömungssimulation in Ingenieurwissenschaften“


[18] 2009, Mai 15th, Universität Siegen, Germany, Universitätsöffentlicher Colloquium im Rahmen der Besetzung einer W3-Professur: „Strömungsexperimente und -simulationen in Wechselwirkung“


[21] 2010, October 22nd, Universität Rostock: “Merging LES and RANS for turbulent flow computations: methods and applications”

[22] 2013, November 7th, DLR Göttingen: “Sensitizing second-moment closure model to turbulent flow unsteadiness: physical rationale and application”


[24] 2014, April, 8th, Michigan State University, East Lansing, MI, USA: “Extending the bounds of “steady” RANS closures: resolving turbulence unsteadiness by a Reynolds stress model”


[28] 2016, March 8, Notre Dame University (South Band), IN, USA: “Variable resolution methods for turbulent flow simulations: physical rationale and applications”

[29] 2016, May 02, Karlsruhe Institute of Technology, Karlsruhe: “Residual turbulence modelling in Hybrid RANS/LES simulation methods”

[30] 2016, July 5-6, 12th Haus der Technik Tagung Fahrzeugaerodynamik, Conference Center München Messe: “Numerische Fahrzeugaerodynamik am Beispiel von "DriAer" Modellkonfigurationen” (“Computational vehicle aerodynamics by reference to "DriAer" model configurations”)


[32] 2017, September 20, Beihang University (Beijing University on Aeronautics and Astronautics – BUAA), Beijing, China: “Subscale modelling in variable resolution simulation methods”

• IX. Supervised PhD Theses


Emir Sirbubalo (since November, 2006; Mai, 2012): Computational study of statistically one-dimensional propagation of turbulence (Numerische Studie der statistisch eindimensionalen Propagation der Turbulenz). FG SLA, Technische Universität Darmstadt; (Universitäts- und Landesbibliothek Darmstadt; http://tuprints.ulb.tu-darmstadt.de/3036/)


Darmstadt (in Zusammenarbeit mit der Fa. "AVL List GmbH", Graz), (Universitäts- und Landesbibliothek Darmstadt; http://tuprints.ulb.tu-darmstadt.de/4315/)


