

EREA Best Paper Award 2020

First place and winning paper

“Shock Wave Generation and Radiation from a Turbofan Engine Under Flow Distortion”

by

M. Daroukh, C. Polacsek and A. Chelius

ONERA–Paris Saclay University, F-92322 Châtillon, France

AIAA JOURNAL

Vol. 58, No. 2, February 2020

<https://arc.aiaa.org/doi/10.2514/1.J058799>



FOI

EREA Best Paper Award 2020

Second place

“Nonlinear Unsteady Reduced-Order Modeling for Gust-Load Predictions”

by

P. Bekemeyer, M. Ripepi, R. Heinrich and S. Görtz

DLR, German Aerospace Center, 38108 Braunschweig, Germany

AIAA JOURNAL

Vol. 57, No. 5, May 2019

DOI: <https://arc.aiaa.org/doi/10.2514/1.J057804>

EREA Best Paper Award 2020

Third place

“The contribution of carbon dioxide emissions from the aviation sector to future climate change”

By

E Terrenoire – Laboratoire des Sciences du Climat et de l’Environnement, Université Paris Saclay, Gif-sur-Yvette, France; Laboratoire Image Ville Environnement, Strasbourg, France;
Now at DMPE, ONERA, Université Paris Saclay, Palaiseau, France

DAHauglustaine – Laboratoire des Sciences du Climat et de l’Environnement, Université Paris Saclay, Gif-sur-Yvette, France

T Gasser - International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria

O Penanhoat - SAFRAN Aircraft Engines, Villaroche Center, Moissy Cramayel, France

Published by IOP Publishing Ltd, 31 July 2019

<https://doi.org/10.1088/1748-9326/ab3086>