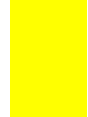


Program	ITD	Domain	Key worlds	number	Title	Main Authors	Title of the periodical or the series or the event	Number, date or frequency (N/A for events)	Publisher or organiser	Place of publication or event venue	Year of publication or event	Relevant pages or event session	Permanent identifiers4 (if available)	open access provided to this publication?
PAPERS														
Clean Sky	SAGE	SAGE2		1	FROM TURBOJET TO INNOVATIVE ARCHITECTURES :	Nicolas Tantot, Jacques Julliard	Von Karman Lecture - series on future propulsion concepts		Von Karman	Brussels (Belgium)	Mar-08	pp. 1-37		
Clean Sky	SAGE	SAGE1	Rotors, Aircraft, Conceptual Design	2	OPEN ROTOR AND CONTRA ROTATIVE FAN ENGINES	Linda Larsson, Anders Lundblad, Tomas Grönstedt	Volume 1A: Aircraft Engine; Fans and Blowers	GT2014-26091	ASME	Düsseldorf (Germany)	Jun-14	pp. 8	doi:10.1115/GT2014-26091	yes
Clean Sky	SAGE	SAGE3		3	ENABLING TECHNOLOGIES FOR FABRICATED TURBOFAN ENGINE STRUCTURES	Kent Holmedahl, Fredrik Kullenberg, Anders Sjunnesson	XX International Symposium on Air Breathing Engines 2011 (ISABE 2011)	ISABE-2011-1614	Proceedings.com	Gothenburg (Sweden)	Sep-11	pp. 1579-1587	ISBN: 978-1-61839-180-3	yes
Clean Sky	SAGE	SAGE3		4	Structural Optimization Approach for Complex Turbofan Structures with Simultaneous Requirement Fulfilment	Daniel Borovic, Lars-Olof Hellgren	XX International Symposium on Air Breathing Engines 2011 (ISABE 2011)	ISABE-2011-1610	Proceedings.com	Gothenburg (Sweden)	Sep-11	pp. 1545-1553	ISBN: 978-1-61839-180-3	yes
Clean Sky	SAGE	SAGE4		5	Mission Optimisation of the Geared Turbofan Engine	Richard Avellán, Tomas Grönstedt, Linda Larsson	XX International Symposium on Air Breathing Engines 2011 (ISABE 2011)	ISABE-2011-1314	Proceedings.com	Gothenburg (Sweden)	Sep-11	pp. 831-837	ISBN: 978-1-61839-180-3	yes
Clean Sky	SAGE	SAGE5		6	SAGE 5 Clean Sky's Approach to Greener Helicopter Turboshafts	E. Bouty, B. Cheftel-Py, G. Paty	XX International Symposium on Air Breathing Engines 2011 (ISABE 2011)	ISABE-2011	Proceedings.com	Gothenburg (Sweden)	Sep-11	pp. 736-741	ISBN: 978-1-61839-180-3	yes
Clean Sky	SAGE	SAGE1		7	SAGE1 Demonstrator: Enabling Open Rotor Technologies	Uwe Fuß, A. B. Parry	XX International Symposium on Air Breathing Engines 2011 (ISABE 2011)	ISABE-2011	Proceedings.com	Gothenburg (Sweden)	Sep-11	pp. 742-763	ISBN: 978-1-61839-180-3	yes
Clean Sky	SAGE	SAGE2		8	PROJECT SAGE2: Enabling Open Rotor Technologies	Brigitte Bittar, Denis Bocquet, Michel Desautly, Marc Doussinaut	XX International Symposium on Air Breathing Engines 2011 (ISABE 2011)	ISABE-2011	Proceedings.com	Gothenburg (Sweden)	Sep-11	pp. 742-751	ISBN: 978-1-61839-180-3	yes
Clean Sky	SAGE	SAGE3		9	Project SAGE3: Towards Cleaner Quieter Turbofans	Mark N. Pacey, Antonia Peace	XX International Symposium on Air Breathing Engines 2011 (ISABE 2011)	ISABE-2011	Proceedings.com	Gothenburg (Sweden)	Sep-11	pp.717-726	ISBN: 978-1-61839-180-3	yes
Clean Sky	SAGE	SAGE4		10	SAGE 4 Geared Turbofan Demonstrator..	Klaus Stegmaier, Edurne Carpintero Rogero, Patrick Yves Wackers	XX International Symposium on Air Breathing Engines 2011 (ISABE 2011)	ISABE-2011	Proceedings.com	Gothenburg (Sweden)	Sep-11	pp.727-735	ISBN: 978-1-61839-180-3	yes
Clean Sky	SAGE	SAGE4		11	ELEMENTS OF 2ND GENERATION GEARED FAN ENGINE DESIGN	Joachim Wulf	3AF Greener Aviation Conference	Conference paper 3AF	3AF	Brussels (Belgium)	Mar-14	pp. 4		yes
Clean Sky	SAGE	SAGE4		12	A METHOD FOR PREDICTING CONTRA ROTATING PROPELLERS INDIVIDUAL PERFORMANCE FOR ENGINE CYCLE OPTIMIZATION.	Matthieu Dubosc, Philippe Beaumier, Nicolas Tantot, Grégory Delattre	3AF Greener Aviation Conference	Conference paper 3AF	3AF	Brussels (Belgium)	Mar-14	pp. 8		yes
Clean Sky	SAGE	SAGE4		13	Numerical evaluation of CRORs dynamic loads induced by whirl flutter	A.Dugeai, S.Verley	3AF Greener Aviation Conference	Conference paper 3AF	3AF	Brussels (Belgium)	Mar-14	pp. 15		yes
Clean Sky	SAGE	SAGE4		14	MANUFACTURING OF COMPOSITES BLADES	Didier Payen	3AF Greener Aviation Conference	Conference paper 3AF	3AF	Brussels (Belgium)	Mar-14	pp. 5		yes

Clean Sky	SAGE	SAGE-2	Design, Propellers	15	A Method for Predicting Contra Rotating Propellers Off-Design Performance	Matthieu Dubosc, Nicolas Tantot, Philippe Beaumier, Grégory Delattre	ASME Turbo Expo 2014: Turbine Technical Conference and Exposition	Volume 1A: Aircraft Engine; Fans and Blowers - Paper No. GT2014-25057	ASME	Düsseldorf (Germany)	Jun-14	pp. 1-10	doi:10.1115/GT2014-25057	yes
Clean Sky	SAGE	SAGE2	Proceedings of the Greener Aviation Conference CEAS GA2014 March 12-14, 2014, Brussels, BELGIUM	16	Weldability of Ni-based superalloys	Eric Ott, Anthony Banik, Joel Andersson, Ian Dempster, Tim Gabb, Jon Groh, Karl Heck, Randy Helmink, Xingbo Liu, Agnieszka Wusatowska-Sarnek	8th International Symposium on Superalloy 718, 2014	Conference paper	Wiley Online Library	Pittsburgh (Pennsylvania)	Oct-14	all pages	DOI: 10.1002/9781119016854.ch21	yes
Clean Sky	SAGE	SAGE4	Superalloy, Grain boundaries, Mechanical properties, Sustained load crack growth	17	High-temperature crack growth in a Ni-base superalloy during sustained load	Magnus Hörnqvist, Leif Viskari, Katie L. Moore, Krystyna Stiller	Materials Science and Engineering: A	Volume 609	Elsevier Sciencedirect		Jul-14	pp. 131-140	https://doi.org/10.1016/j.msea.2014.04.102	yes
Clean Sky	SAGE	SAGE2		18	Applicability of handbook crack propagation methods on TIG and Laser welded IN718 at room and elevated temperature for mixed mode loading and well-time conditions.	T. Månsson, Magnus Hörnqvist, T. Hansson, H. Backström	9th Int. Conf. on Creep and Fatigue at High Temperatures, London (2012)	Conference paper	Chalmers Publication Library	London (UK)	Sep-12		http://publications.lib.chalmers.se/publication/185590-applicability-of-handbook-crack-propagation-methods-on-tig-and-laser-welded-in718-at-room-and-elevat	yes
Clean Sky	SAGE	SAGE4	Cascades (Fluid dynamics) , Geometry	19	Effect of Geometry Deviations on the Aerodynamic Performance of an Outlet Guide Vane Cascade	Valery Chernoray, Sofia Ore, Jonas Larsson	Volume 7: Turbomachinery, Parts A, B, and C ASME Turbo Expo 2010	Paper No. GT2010-22923	ASME proceedings	Glasgow (UK)	Jun-10	pp. 381-390	doi:10.1115/GT2010-22923	yes
Clean Sky	SAGE	SAGE3		20	Design of integrated turning vanes for a compressor transition duct	Peter Johansson, Thomas Robertsson, Fredrik Wallin	XX International Symposium on Air Breathing Engines 2011 (ISABE 2011)	Conference paper	Proceedings.com	Gothenburg (Sweden)	Sep-11	pp. 379-386	ISBN: 978-1-61839-180-3	yes
Clean Sky	SAGE	SAGE-2		21	On the Fast Prediction of Open Rotor Tonal Interaction Noise	Gruber Mathieu, Lonfils Timothée, Dumont Chloé, Vion Laurence, Dubois Adrien, Deltell Mc Williams Timothy	ASME Turbo Expo 2015: Turbine Technical Conference and Exposition	Paper No. GT2015-42579	ASME	Montreal (Canada)	Jun-15	pp. 13	DOI: 10.1115/GT2015-42579	yes
Clean Sky	SAGE			22	The effect of high temperatures and grazing flow on the acoustic properties of liners	H. Boden, R. Kabral	10th European Congress and Exposition on Noise Control Engineering	Conference paper	EAA, ABAV, NAG	Maastricht (NL)	Jun-15	pp. 2261-2266	ISSN: 2226-5147	
Clean Sky	SAGE	SAGE-2	Design , Rotors , Wind tunnels	23	Open Rotor Design Strategy: From Wind Tunnel Tests to Full Scale Multi-Disciplinary Design	Jonathan Vlastuin, Clément Dejeu, Anthony Louet, Jérôme Talbotec, Ingrid Lepot, Timothée Lonfils, Michaël Leborgne	ASME Turbo Expo 2015: Turbine Technical Conference and Exposition	Paper No. GT2015-43300	ASME	Montreal (Canada)	Jun-15	pp. 14	doi:10.1115/GT2015-43300	yes
Clean Sky	SAGE	SAGE-3		24	Effect of HIP temperature and post-HIP heat treatments on coincidence site lattices and twin boundaries in IN718	J. Cortes, M. Aristizabal, M.H. Loreto, M.M. Attallah, Iturriza	PM World Congress	Conference paper	EPMA	Hamburg (Germany)	Oct-16	pp. 1-6	ISBN: 978-1-899072-48-4	
Clean Sky	SAGE	SAGE-3		25	Study of the influence of outgassing parameters, powder particle size and HIP temperature in the mechanical properties of IN718	M. Aristizabal, J. Cortes, M.H. Loreto, M.M. Attallah, I. Iturriza, R.H.U. Khan	EURO PM	Conference paper	EPMA	Reims (France)	Oct-15	pp. 1-6	https://www.epma.com/publications/euro-pm-abstracts-proceedings/abstracts-individual-paper-downloads/product/ep150398	

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Clean Sky	SAGE	SAGE-3		26	Net Shape HIPping components of IN718	I. Iturriza, J. Cortes, F. Castro, R. Trepleton, C. Carpenter, K. Essa, R.H.U. Khan, M.H. Attallah, M.H. Loretto	11th International Conference of Hot Isostatic Pressing	Conference paper n. 307	Jernkontoret, The Swedish Steel Producers Association	Stockholm (Sweden)	Jun-14	paper 307	<a href="http://hip14.se/">http://hip14.se/</a>	yes	Paper available in Clean Sky	
Clean Sky	SAGE	SAGE-3		27	Microstructure and properties of HIPped Inconel 718	R.H.U. Khan, M.H. Loretto, M.M. Attallah, J. Cortes, I. Iturriza, F. Castro	11th International Conference of Hot Isostatic Pressing	Conference paper n. 306	Jernkontoret, The Swedish Steel Producers Association	Stockholm (Sweden)	Jun-14	paper 306	<a href="http://hip14.se/">http://hip14.se/</a>	yes	Paper available in Clean Sky	
Clean Sky	SAGE	SAGE-3		28	Multiscale Modeling of Creep Deformation in Wrought Inconel 718 Superalloy based on Deformation Micromechanisms and Computational Homogenization	Eva M. Andres, Javier Segurado	13th PEGASUS-AIAA Student Conference	Conference paper	Pegasus	Berlin (Germany)	Apr-17	pp. 1-11	<a href="https://www.pegasus-europe.org/Pegasus_AIAA/papers/2017/Andres_Madrid.pdf">https://www.pegasus-europe.org/Pegasus_AIAA/papers/2017/Andres_Madrid.pdf</a>	yes		
Clean Sky	SAGE	SAGE-3	Crystal plasticity; Computational homogenization; Cyclic behavior; Mean stress relaxation; Inconel 718 superalloy	29	Modeling cyclic deformation of Inconel 718 superalloy by means of crystal plasticity and computational homogenization	A. A. Cruzado, J. Llorca, J. Segurado	International Journal of Plasticity	vol. 122-123	Elsevier Sciencedirect		Sep-17	pp. 148-161	DOI: 10.1016/j.ijsoistr.2017.06.014			
Clean Sky	SAGE	SAGE-4	Laser beam melting, Modelling, Additive Manufacturing	30	Simulation of the Laser Beam Melting Process – Approaches for an Efficient Modelling of the Beam-material Interaction	C. Seidel, M.F. Zaeh, M. Wunderer, J. Weirather, T.A. Krol, M. Ott	Procedia CIRP	Volume 25	Elsevier Sciencedirect	Stuttgart (Germany)	Mar-14	pp. 146 – 153	DOI: 10.1016/j.procir.2014.10.023	yes		
Clean Sky	SAGE	SAGE-4	3D-Printing, Laser beam melting, Additive Manufacturing, Inconel718, FE, FEM, Structural mechanics	31	Simulation des 3D-Druckens mittels Laserstrahlschmelzen unter Verwendung von APDL-Makro-Dateien - Potenziale und Herausforderungen	Seidel Christian, Wunderer Martin, Zäh Michael F., Weirather Johannes, Schlip Johannes, Sloscharek Hannes, Graner Simon, Brenner Stefan	Proceedings of the ANSYS Conference & 32th CADFEM Users Meeting	Proceedings	TIB - Leibniz Information Centre for Science and Technology and University Library	Nuremberg (Germany)	Jun-14	pp. 1-17	<a href="http://www.cae-wiki.info/wikiplus/images/9/96/UM2014-2.12.08.pdf">http://www.cae-wiki.info/wikiplus/images/9/96/UM2014-2.12.08.pdf</a>	yes		
Clean Sky	SAGE	SAGE-4		32	Investigations on Temperature Fields during Laser Beam Melting by Means of Process Monitoring and Multiscale Process Modelling	J. Schlip, C. Seidel, H. Krauss, J. Weirather	Advances in Mechanical Engineering	Volume 2014, Article ID 217584	Hindawi Publishing Corporation			julu 2-14	pp. 7	<a href="http://dx.doi.org/10.1155/2014/217584">http://dx.doi.org/10.1155/2014/217584</a>	yes	
Clean Sky	SAGE	SAGE-4		33	Modeling the Dehydrogenation of Soot in Laminar Premixed Flames with a Multivariate Soot Particle Description	Achim Wick, Heinz Pitsch	Proceedings of the European Combustion Meeting – 2015	Proceedings	0	Budapest (Hungary)	Mar-15	pp. 1-6	ISBN 978-963-12-1257-0.	yes		
Clean Sky	SAGE	SAGE-2	Spray Flame; LDI; LPP; PVC; Primary Atomization; Preflaming; POD	34	Effect of the Precessing Vortex Core on Primary Atomization	Enrico Bärrow , Sebastian Geppert, Rainer Koch, Hans Jörg Bauer	Zeitschrift für Physikalische Chemie - International journal of research in physical chemistry and chemical physics	Volume 229, Issue 6	Walter de Gruyter Berlin	Berlin (Germany)	Jun-15	pp. 909-929	DOI: <a href="https://doi.org/10.1515/zpch-2014-0619">https://doi.org/10.1515/zpch-2014-0619</a>			
Clean Sky	SAGE	SAGE-4	Additive Manufacturing, Laser Beam Melting, warpage, distortion, simulation, FE (Finite Element Analysis), Inconel718	35	Improving cost effectiveness in additive manufacturing – Increasing dimensional accuracy in laser beam melting by means of a simulation-supported process chain	Fabian Bayerlein, Christian Zeller, Michael F. Zäh, Johannes Weirather, Martin Wunderer, Christian Seidel	Proceedings of the ANSYS Conference & 33th CADFEM Users Meeting	Proceedings	TIB - Leibniz Information Centre for Science and Technology and University Library	Bremen (Germany)	Jun-15	pp. 1-9	<a href="http://www.cae-wiki.info/wikiplus/images/d/d4/UM2015-2.02.12.pdf">http://www.cae-wiki.info/wikiplus/images/d/d4/UM2015-2.02.12.pdf</a>	es		

Clean Sky	SAGE	SAGE-4	Lubrication , Fluids , Spur gears	36	Volume of Fluid (VOF) Analysis of Oil-Jet Lubrication for High-speed spur Gears using an adaptive meshing approach	Tommaso Fondelli, Antonio Andreini, Riccardo Da Soghe, Bruno Facchini, Lorenzo Cipolla	Proceedings of the ASME Turbo Expo 2015: Turbine Technical Conference and Exposition	Volume 7A: Structures and Dynamics - Paper No. GT2015-42461	ASME Proceedings	Montreal (Canada)	Jun-15	pp. 1 - 13	DOI: 10.1115/GT2015-42461	
Clean Sky	SAGE	SAGE-4		37	Volume Of Fluid Simulation of Oil-Jet Cooling for High-Speed Gears	Lorenzo Cipolla, Avio Aero	ANSYS User Group Meeting							
	SAGE	SAGE-4		38	Numerical simulation of Oil-Jet Lubrication for High-Speed Gears	Tommaso Fondelli, Antonio Andreini, Riccardo Da Soghe, Bruno Facchini, Lorenzo Cipolla	International Journal of Aerospace Engineering	Volume 2015, Article ID 752457	Hindawi Publishing Corporation		Nov-15	pp. 1-13	<a href="http://dx.doi.org/10.1155/2015/752457">http://dx.doi.org/10.1155/2015/752457</a>	
Clean Sky	SAGE	SAGE-4	Simulation , Computational fluid dynamics , Engineering simulation , Gears	39	CFD Simulations of a Meshing Gear Pair	E. Burberli, T. Fondelli, A. Andreini, B. Facchini, L. Cipolla	ASME Turbo Expo 2016: Turbomachinery Technical Conference and Exposition	Volume 5A: Heat Transfer - Paper No. GT2016-57454	ASME Proceedings	Seoul (South Korea)	Jun-16	pp. 1-12	doi:10.1115/GT2016-57454	
Clean Sky	SAGE	SAGE-2	Separation (Technology) , Bubbles	40	Experimental investigation on the timespace evolution of a laminar separation bubble by POD and DMD	D. Lengani, D. Simoni, M. Ubaldi, P. Zunino, F. Bertini	ASME Turbo Expo 2016: Turbomachinery Technical Conference and Exposition	Volume 2B: Turbomachinery - Paper No. GT2016-57581	ASME Proceedings	Seoul (South Korea)	Jun-16	pp. 1-9	doi:10.1115/GT2016-57581	
Clean Sky	SAGE	SAGE-2	Flow (Dynamics) , Engines , Rotors , Turbines , Blades	41	Analysis of a LPT Rotor Blade for a Geared Engine: Part II — Characterization of the Time-Varying Flow Field in a Single Stage Research Turbine	Daniele Infantino, Francesca Satta, Daniele Simoni, Marina Ubaldi, Pietro Zunino, Francesco Bertini	ASME Turbo Expo 2016: Turbomachinery Technical Conference and Exposition	Volume 2B: Turbomachinery - Paper No. GT2016-57725	ASME Proceedings	Seoul (South Korea)	Jun-16	pp. 1-10	doi:10.1115/GT2016-57725	
Clean Sky	SAGE	SAGE-2	CLEAN SKY, Aeronautics, Propulsion, Sustainable and Green Engines, ACARE objectives	42	THE ENGINE DEMONSTRATION PROGRAMMES IN CLEAN SKY AND CLEAN SKY 2	Jean-François Brouckaert, François Mirville, Kevin Phuah, Peter Taferner	Proceedings of the GREENER AVIATION - 3AF Conference	Paper ID. 124	Proceedings of the 3AF Conference	Brussels (Belgium)	Oct-16	pp. 1-11	<a href="http://greener-aviation2016.com/author/bamgat/">http://greener-aviation2016.com/author/bamgat/</a>	
Clean Sky	SAGE	SAGE-4		43	Testing of the Clean Sky SAGE4 Demonstrator Engine at MTU Aero Engines in Munich	Patrick Pfützner, Melanie Dietrich	Proceedings of the GREENER AVIATION - 3AF Conference	Paper ID. 124	Proceedings of the 3AF Conference	Brussels (Belgium)	Oct-16	pp. 1-5	<a href="http://greener-aviation2016.com/author/bamgat/">http://greener-aviation2016.com/author/bamgat/</a>	
Clean Sky	SAGE	SAGE-2	gears, planetary bearing, fatigue life testing, sub-surface fatigue propagation, high strength materials, single bending tooth fatigue, spall propagation behaviour	44	Scouting high performance steels for gears and bearings	Patrick Mirring, Oskar Beer, Ida Bartlotta	Proceedings of the GREENER AVIATION - 3AF Conference	Paper ID. 9	Proceedings of the 3AF Conference	Brussels (Belgium)	Oct-16	pp. 1-11	<a href="http://greener-aviation2016.com/author/bamgat/">http://greener-aviation2016.com/author/bamgat/</a>	
Clean Sky	SAGE	SAGE-2	SAW sensor; rotating shaft; torque measurement	45	Measuring Torque and Temperature in a Rotating Shaft Using Commercial SAW Sensors	Diogo Silva, Joana C. Mendes, António B. Pereira, François Gégot, Luís N. Alves	Sensors Journal 2017	Volume 17, Issue 7	MDPI		May-17	pp. 1-23	doi:10.3390/s17071547	
Clean Sky	SAGE	SAGE-2		46	Comparison of the Primary Atomization Model PAMELA with Drop Size Distributions of an Industrial Prefilming Airblast Nozzle	Simon Holz, Geoffroy Chaussonnet, Sebastian Geppert, Rainer Koch, Hans-Jörg Bauer	ILASS – 27th Annual Conference on Liquid Atomization and Spray Systems,	Conference paper	Annual conference	Brighton (UK)	Sep-16	pp. 12	<a href="http://www.ilass2016.org/conference-programme">http://www.ilass2016.org/conference-programme</a>	yes
Clean Sky	SAGE	SAGE-2	additive manufacturing, selective electron beam melting, selective laser melting, lattice Boltzmann method, finite element method, cellular automaton method	47	Multiscale Modeling of Powder Bed-Based Additive Manufacturing	Matthias Markl, Carolin Korner	Annual Review of Materials Research	Vol. 46	Annual Review		Jul-16	pp. 93-123	<a href="https://doi.org/10.1146/annurev-matsci-070115-032158">https://doi.org/10.1146/annurev-matsci-070115-032158</a>	yes

Clean Sky	SAGE			48	Emission comparison of turbofan and open rotor engines under special consideration of aircraft and mission design aspects	A. Seitz, D. Schmitt, S. Donnerhack	Aeronautical Journal	Volume 115, Issue 1168	Cambridge University Press Royal Aeronautical Society	Cambridge (UK)	Jun-11	pp. 351-360	DOI: <a href="https://doi.org/10.1017/S00019240000587X">https://doi.org/10.1017/S00019240000587X</a>
Clean Sky	SAGE	SAGE-2		49	DEMONSTRATOR VALIDATION OF DESIGN ELEMENTS FOR THE NEXT GENERATION OF GEARED FAN ENGINES	Joachim Wulf, Stefan Busam, Andreas Hartung, Patrick Pfützner	Proceedings of the 22nd International Symposium on Air Breathing Engines (ISABE 2015)	ISABE-2015-20171	ISABE 2015	phoenix (USA)	Oct-15	pp. 1-7	<a href="https://drc.libraries.uc.edu/bitstream/handle/2374.UC/745753/ISABE2015_CS%26A_Joachim%20Wulf_56_MANUSCRIPT_20171.pdf?sequence=2">https://drc.libraries.uc.edu/bitstream/handle/2374.UC/745753/ISABE2015_CS%26A_Joachim%20Wulf_56_MANUSCRIPT_20171.pdf?sequence=2</a>
Clean Sky	SAGE	SAGE-2	Impulse (Physics) , Blades	50	Impulse Mistuning of Blades and Vanes	Andreas Hartung, Ulrich Retze, Hans-Peter Hackenberg	Proceedings of the ASME Turbo Expo 2016: Turbomachinery Technical Conference and Exposition	Volume 7A: Structures and Dynamics - Paper No. . GT2016-56433	ASME	Seoul (South Korea)	Oct-16	pp. 1-10	doi:10.1115/GT2016-56433
Clean Sky	SAGE	SAGE-2	Chemical kinetic mechanism; Jet fuel surrogate; n-Dodecane; Substituted aromatics; Methylcyclohexane; Component library framework	51	A component library framework for deriving kinetic mechanisms for multi-component fuel surrogates: Application for jet fuel surrogates	Krithika Narayanaswamy, Heinz Pitsch, Perrine Pepiot	Combustion and Flame	Volume 165	Elsevier Sciencedirect		Mar-16	pp.288-309	<a href="https://doi.org/10.1016/j.combustflame.2015.12.013">https://doi.org/10.1016/j.combustflame.2015.12.013</a>
Clean Sky	SAGE	SAGE-2	Non-premixed flames; Time-varying; Soot evolution; Acoustic forcing	52	Impact of acoustic forcing on soot evolution and temperature in ethylene-air flames	Agnes Jochera, Kae Ken Foo, Zhiwei Sun, Bassam Dally , Heinz Pitsch, Zeyad Alwahabi , Graham Nathan	Proceedings of the Combustion Institute	Volume 36, Issue 1	Elsevier Sciencedirect		Oct-16	pp. 781-788	<a href="https://doi.org/10.1016/j.proci.2016.08.025">https://doi.org/10.1016/j.proci.2016.08.025</a>