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<a href="#">OA</a>	A.D. French, A. Schettino, L. Romano	<i>High Mach Number Drag Analysis of a Modern Lightweight Launch Vehicle</i>	10th EASN 2020. IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012111 DOI: <a href="https://doi.org/10.1088/1757-899X/1024/1/012111">https://doi.org/10.1088/1757-899X/1024/1/012111</a>	2021	CIRA-DTS-22-0692	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>
<a href="#">OA</a>	M. Bagamanova, A. el Makhloufi, M. Mujica Mota, V. Di Vito, R.V. Montaquila, G. Cerasuolo, et al.	<i>Extended ATM for Seamless Travel (X-TEAM D2D)</i>	Conf. on Modelling and Simulation "SIMS EUROSIM 2021" and 62nd Intern. Conf. of Scandinavian Simulation Society, SIMS 2021. DOI: <a href="https://doi.org/10.3384/ecp21185189">https://doi.org/10.3384/ecp21185189</a>	2021	CIRA-DTS-22-0666	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	A. Voudouri, E. Avgoustoglou, I. Carmona, Y. Levi, E. Bucchignani, P. Kaufmann, J. Bettems	<i>Objective Calibration of Numerical Weather Prediction Model: Application on Fine Resolution COSMO Model over Switzerland</i>	Atmosphere 2021, 12(10), 1358; DOI: <a href="https://doi.org/10.3390/atmos12101358">https://doi.org/10.3390/atmos12101358</a>	2021	CIRA-DTS-22-0570	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	A. Brindisi, C. Vendittozzi, L. Travascio, L. Di Palma, M. Ignarra, V. Fiorillo, A. Concilio	<i>A Preliminary Assessment of an FBG-Based Hard Landing Monitoring System</i>	Photonics 2021, 8(10), 450; <a href="https://doi.org/10.3390/photonics8100450">https://doi.org/10.3390/photonics8100450</a>	2021	CIRA-DTS-22-0085	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	P.D.L. Jensen, F. Wang, I. Dimino, O. Sigmund	<i>Topology Optimization of Large-Scale 3D Morphing Wing Structures</i>	Actuators 2021, 10(9), 217; DOI: <a href="https://doi.org/10.3390/act10090217">https://doi.org/10.3390/act10090217</a>	2021	CIRA-DTS-22-0047	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	S. Ameduri, I. Dimino, A. Concilio, U. Mercurio, L. Pellone	<i>Specific Modeling Issues on an Adaptive Winglet Skeleton</i>	Appl. Sci. 2021, 11, 3565. DOI: <a href="https://doi.org/10.3390/app11083565">https://doi.org/10.3390/app11083565</a>	2021	CIRA-DTS-22-0044	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>


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<a href="#">OA</a>	I. Dimino, G. Andreutti, F. Moens, F. Fonte, R. Pecora, A. Concilio	<i>Integrated Design of a Morphing Winglet for Active Load Control and Alleviation of Turboprop Regional Aircraft</i>	Appl. Sci. 2021, 11(5), 2439; DOI: <a href="https://doi.org/10.3390/app11052439">https://doi.org/10.3390/app11052439</a>	2021	CIRA-DTS-22-0046	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	G. Zazzaro, F. Martone, G. Romano, L. Pavone	<i>A Deep Learning Ensemble Approach for Automated COVID-19 Detection from Chest CT Images</i>	"J. Clin. Med." 2021, 10(24), 5982; <a href="https://doi.org/10.3390/jcm10245982">https://doi.org/10.3390/jcm10245982</a>	2021	CIRA-DTS-21-4229	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	E. Bucchignani, A.L. Zollo, M. Montesarchio	<i>Analysis of Expected Climate Extreme Variability with Regional Climate Simulations over Napoli Capodichino Airport: A Contribution to a Climate Risk Assessment Framework</i>	"Earth" 2021, 2, 980–996. DOI: <a href="https://doi.org/10.3390/earth2040058">https://doi.org/10.3390/earth2040058</a>	2021	CIRA-DTS-21-4003	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	C. Bellini, R. Borrelli, V. Di Cocco, S. Franchitti, F. Iacoviello, L. P. Mocanu, L. Sorrentino	<i>Failure energy and stiffness of titanium lattice specimens produced by electron beam melting process</i>	Material Design & Processing Communications 2021; vol. 3, 6 (Wiley special edition). DOI: <a href="https://doi.org/10.1002/mdp2.268">https://doi.org/10.1002/mdp2.268</a>	2021	CIRA-DTS-21-3741	Free, only to read © 2021 John Wiley & Sons, Ltd
<a href="#">OA</a>	C.S. Paciello, C. Pezzella, M. Belardo, S. Magistro, F. Di Caprio, V. Musella, G. Lamanna, L. Di Palma	<i>Crashworthiness of a Composite Bladder Fuel Tank for a Tilt Rotor Aircraft</i>	Journal of Composite Science 2021, 5, 285. DOI: <a href="https://doi.org/10.3390/jcs5110285">https://doi.org/10.3390/jcs5110285</a>	2021	CIRA-DTS-21-3694	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	M. Klain, C. Nappi, M. De Risi, L. Piscopo, F. Volpe, M. Manganelli, E. Caiazza, D. Bianco, M. Schlumberger, A. Cuocolo	<i>Whole-Body Radioiodine Effective Half-Life in Patients with Differentiated Thyroid Cancer</i>	"Diagnostics " 2021, 11, 1740. DOI: <a href="https://doi.org/10.3390/diagnostics11101740">https://doi.org/10.3390/diagnostics11101740</a>	2021	CIRA-DTS-21-3378	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>

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<a href="#">OA</a>	J. Spinoni, P. Barbosa, E. Bucchignani et al.	<i>Global exposure of population and land-use to meteorological droughts under different Warming Levels and Shared Socioeconomic Pathways: A Coordinated Regional Climate Downscaling Experiment-based study</i>	"Int. J. Climatol. 2021;1-28" ; DOI: <a href="https://doi.org/10.1002/joc.7302">https://doi.org/10.1002/joc.7302</a>	2021	CIRA-DTS-21-3331	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	E. Bucchignani et al.	<i>COSMO-CLM Regional Climate Simulations in the CORDEX framework: a review</i>	"Geosci. Model Dev.", 14, 5125-5154, 2021. DOI: <a href="https://doi.org/10.5194/gmd-14-5125-2021/">https://doi.org/10.5194/gmd-14-5125-2021/</a> <a href="https://gmd.copernicus.org/articles/14/5125/2021/">https://gmd.copernicus.org/articles/14/5125/2021/</a>	2021	CIRA-DTS-21-3334	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	R. Fusaro, O. Gori, D. Ferretto, N. Viola, P. Roncioni, M. Marini	<i>Integration Of An Increasing-Fidelity Aerodynamic Modelling Approach In The Conceptual Design Of Hypersonic Cruiser</i>	"ICAS 2021" Proceedings of 32nd Congress of the International Council of the Aeronautical Sciences. ICAS 2021 Conf proc. Isbn 978-3-932182-91-4 pages 1-16	2021	CIRA-DTS-21-3337	ICAS conf. proceed. CC BY
<a href="#">OA</a>	N. Viola, P. Roncioni, O. Gori, R. Fusaro	<i>Aerodynamic Characterization of Hypersonic Transportation Systems and Its Impact on Mission Analysis</i>	"Energies" 2021, 14, 3580. DOI: <a href="https://doi.org/10.3390/en14123580">https://doi.org/10.3390/en14123580</a>	2021	CIRA-DTS-21-3328	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	A. D. Marano, T. Polito, M. Guida, M. Barbarino, M. Belardo, A. Perazzolo, F. Marulo	<i>Tiltrotor Acoustic Data Acquisition and Analysis - In-flight Pressure Load Evaluation and Investigation</i>	Aerotecnica Missili & Spazio (2021) 100:111-122. DOI: <a href="https://doi.org/10.1007/s42496-021-00075-5">https://doi.org/10.1007/s42496-021-00075-5</a>	2021	CIRA-DTS-21-3330	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>


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<a href="#">OA</a>	C. Bellini, <b>R. Borrelli</b> , V. Di Cocco, <b>S. Franchitti</b> , F. Iacoviello, L. Sorrentino	<i>Damage analysis of Ti6Al4V lattice structures manufactured by electron beam melting process subjected to bending load</i>	"Mat Design Process Comm." 2021;1-4. DOI: <a href="https://doi.org/10.1002/mdp2.223">https://doi.org/10.1002/mdp2.223</a>	2021	CIRA-DTS-21-3286	Free, only to read © 2021 John Wiley & Sons, Ltd.
<a href="#">OA</a>	V. Giannella, C. Colangeli, J. Cuenca, <b>R. Citarella</b> , <b>M. Barbarino</b>	<i>Experimental/Numerical Acoustic Assessment of Aircraft Seat Headrests Based on Electrospun Mats</i>	"Applied Sciences" 2021, 11 (1), 6400. DOI: <a href="https://doi.org/10.3390/app11146400">https://doi.org/10.3390/app11146400</a>	2021	CIRA-DTS-21-3327	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	<b>D. Cinquegrana</b> , <b>D. Quagliarella</b> , <b>M. Belardo</b> , <b>G. Diodati</b> , <b>L. Di Palma</b>	<i>Gappy Pod Methodology Applied To Select The Worst Design Limit Load Conditions For The Wing Of A Civil Tilt-Rotor</i>	"11th EASN Virtual Intern. Conf. on Innovation in Aviation & Space to the Satisfaction of the European Citizens" September 2021 Aerospace 2021, 8, 102. DOI: <a href="https://doi.org/10.3390/aerospace8040102">https://doi.org/10.3390/aerospace8040102</a>	2021	CIRA-DTS-21-2833	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	<b>G. Saccone</b> , A. C. Ispir, B. Saracoglu, <b>L. Cutrone</b> , <b>M. Marini</b>	<i>Computational Evaluations of Emissions Indexes Released by the STRATOFLY Air-Breathing Combined Propulsive System</i>	"11th EASN Virtual Intern. Conf. on Innovation in Aviation & Space to the Satisfaction of the European Citizens" September 2021 Aerospace 2021, 8, 102. DOI: <a href="https://doi.org/10.3390/aerospace8040102">https://doi.org/10.3390/aerospace8040102</a>	2021/2022	CIRA-DTS-21-2885	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	M. Soti, R. Di Girolamo, <b>G. Giusto</b> , F. De Stefano, F. Auriemma, A. Malafrente, G. Talarico, C. De Rosa	<i>Mechanical Properties and Elastic Behavior of Copolymers of Syndiotactic Polypropylene with 1 Hexene and 1 Octene</i>	"Macromolecules" 2021, 54, 14 ( 6810-6823). DOI: <a href="https://doi.org/10.1021/acs.macromol.1c00892">https://doi.org/10.1021/acs.macromol.1c00892</a>	2021	CIRA-DTS-21-2706	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	<b>R.E. Nargi</b> , <b>F. De Gregorio</b> , P. Candeloro, <b>G. Ceglia</b> , T. Pagliaroli	<i>Evolution of flow structures in twin-rotors wakes in drones by time-resolved PIV</i>	"Journal of Physics: Conf. Series" 1977 (2021) 012008; IOP Pub. DOI: <a href="https://doi.org/10.1088/1742-6596/1977/1/012008">10.1088/1742-6596/1977/1/012008</a>	2021	CIRA-DTS-21-2751	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>

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<a href="#">OA</a>	G. Zittis, P. Hadjinicolaou, M. Almazroui, E. <b>Bucchignani</b> , et al.	<i>Business-as-usual will lead to super and ultra-extreme heatwaves in the Middle East and North Africa</i>	"Climate and Atmospheric Science" 4, 20(2021) ; DOI: <a href="https://doi.org/10.1038/s41612-021-00178-7">https://doi.org/10.1038/s41612-021-00178-7</a>	2021	CIRA-DTS-21-2405	<a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	<b>M. Panelli</b> , D. Morfei, B. Milo, F.A. D'Aniello, F. <b>Battista</b>	<i>Axisymmetric Hybrid Plasma Model for Hall Effect Thrusters</i>	"Particles" MDPI 2021, 4, 296–324. <a href="https://doi.org/10.3390/particles4020026">https://doi.org/10.3390/particles4020026</a> ISBN: 2571-712X	2021	CIRA-DTS-21-2103	<a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	<b>M. De Cesare</b> , L. Savino, <b>A. Del Vecchio</b> , F. Di Carolo, M. Musto, U. Galietti, G. Rotondo	<i>Advances in Material Wide Range Temperature Determination by Dual-Color Emissivity Free Methodology in Long-Mid-Near Infrared Ranges and Non-stationary Aerospace Re-Entry Conditions</i>	"Applied Sciences" 2021, 11 (4), 1385 DOI: <a href="https://doi.org/10.3390/app11041385">https://doi.org/10.3390/app11041385</a>	2021	CIRA-DTS-21-2027	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	E. Adirosi, M. Montopoli, A. Bracci, F. Porcù, V. Capozzi, C. Annella, G. Budillon, <b>E. Bucchignani</b> , <b>A. L. Zollo</b> , O. Cazzuli, G. Camisani, R. Bechini, R. Cremonini, A. Antonini, A. Ortolani, L. Baldini	<i>Validation of GPM Rainfall and Drop Size Distribution Products through Disdrometers in Italy</i>	"Remote Sens." 2021, 13(11), 2081; <a href="https://doi.org/10.3390/rs13112081">https://doi.org/10.3390/rs13112081</a>	2021	CIRA-DTS-21-1846	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	<b>F. De Gregorio</b> , <b>A. Visingardi</b> , <b>G. Iuso</b>	<i>An Experimental-Numerical Investigation of the Wake Structure of a Hovering Rotor by PIV Combined with a <math>\Gamma_2</math> Vortex Detection Criterion</i>	Energies 2021, 14, 2613. <a href="https://doi.org/10.3390/en14092613">https://doi.org/10.3390/en14092613</a>	2021	CIRA-DTS-21-1664	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	<b>F. Di Caprio</b> , <b>R. Scigliano</b> , <b>R. Fauci</b> , <b>D. Tescione</b>	<i>Design Optimization of Interfacing Attachments for the Deployable Wing of an Unmanned Re-Entry Vehicle</i>	Algorithms 2021, 14, 141. DOI: <a href="https://doi.org/10.3390/a14050141">https://doi.org/10.3390/a14050141</a>	2021	CIRA-DTS-21-1582	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>


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<a href="#">OA</a>	V. Garbero, M. Milelli, <b>E. Bucchignani</b> , P. Mercogliano, M. Varentsov et al.	<i>Evaluating the Urban Canopy Scheme TERRA_URB in the COSMO Model for Selected European Cities</i>	"Atmosphere" 2021, 12, 237 ; DOI: <a href="https://doi.org/10.3390/atmos12020237">https://doi.org/10.3390/atmos12020237</a>	2021	CIRA-DTS-21-1260	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	<b>M. Belardo</b> , A. D. Marano, J. Beretta, <b>G. Diodati</b> , M. Graziano, M. Capasso, P. Ariola, S. Orlando, F. Di Caprio, N. Paletta, <b>L. Di Palma</b>	<i>Wing Structure of the Next-Generation Civil Tiltrotor: From Concept to Preliminary Design</i>	"Aerospace" MDPI, 2021, 8, 102 DOI: <a href="https://doi.org/10.3390/aerospace8040102">https://doi.org/10.3390/aerospace8040102</a>	2021	CIRA-DTS-21-1168	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	<b>D. Bianco</b> , F. Loffredo, M. Quarto, L. Santamaria Amato	<i>Quest for New Data: Ionizing Radiation Metrology in the Presence of Laser-Assisted Scattering Processes</i>	" Photonics" 2021, 8, 94. DOI: <a href="https://doi.org/10.3390/photronics8040094">https://doi.org/10.3390/photronics8040094</a>	2021	CIRA-DTS-21-1097	<a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	<b>F. Petrosino</b> , <b>M. Barbarino</b> , M. Staggat	<i>Aeroacoustics Assessment of an Hybrid Aircraft Configuration with Rear-Mounted Boundary Layer Ingested Engine</i>	"Applied Sciences" 2021, 11 (7), 2936 DOI: <a href="https://doi.org/10.3390/app11072936">https://doi.org/10.3390/app11072936</a>	2021	CIRA-DTS-21-1019 rev1	<a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	<b>G. Gigante</b> , <b>R. Palumbo</b> , <b>D. Pascarella</b> , A. Pellegrini, G. Duca, M. Piera, E Ramos	<i>Support to Design for Air Traffic Management: An Approach with Agent-Based Modelling and Evolutionary Search</i>	International Journal of Aviation, Aeronautics, and Aerospace, IJAAA, 8(1) 2021 DOI: <a href="https://doi.org/10.15394/ijaaa.2021.1561">https://doi.org/10.15394/ijaaa.2021.1561</a>	2021	CIRA-DTS-21-0834	<a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	M. Manzo, D. Perfetto, F. Caputo, <b>L. Di Palma</b> , <b>A. Chiariello</b> , M. Waimer	<i>A crashworthiness optimisation procedure for the design of full-composite fuselage section</i>	" 49th AIAS Conference (AIAS 2020)" IOP Conf. Series: Mat. Sci. and Eng. 1038 (2021) 012058 DOI: <a href="https://doi.org/10.1088/1757-899X/1038/1/012058">10.1088/1757-899X/1038/1/012058</a>	2021	CIRA-DTS-21-0777	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>

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<a href="#">OA</a>	M. Arena, A. Chiariello, M. Castaldo, L. Di Palma	<i>Vibration Response Aspects of a Main Landing Gear Composite Door Designed for High-Speed Rotorcraft</i>	"Aerospace" MDPI, 2021, 8(2), 52; <a href="https://doi.org/10.3390/aerospace8020052">https://doi.org/10.3390/aerospace8020052</a>	2021	CIRA-DTS-21-0588	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	A. Vitale, F. Corrado, N. Genito, L. Garbarino, L. Verde	<i>An Innovative Angle of Attack Virtual Sensor for Physical-Analytical Redundant Measurement System Applicable to Commercial Aircraft</i>	(ASTESJ)- Adv. Sci. Technol. Eng. Syst. J. 6(1), 698-709 (2021); DOI: 10.25046/aj060176; <a href="https://astesj.com/v06/i01/p76">https://astesj.com/v06/i01/p76</a>	2021	CIRA-DTS-20-2052 rev1	<a href="https://creativecommons.org/licenses/by-sa/4.0/">https://creativecommons.org/licenses/by-sa/4.0/</a>
<a href="#">OA</a>	E. Bucchignani, P. Mercogliano	<i>Performance Evaluation of High-Resolution Simulations with COSMO over South Italy</i>	"Atmosphere" 2021, 12, 45. <a href="https://doi.org/10.3390/atmos12010045">https://doi.org/10.3390/atmos12010045</a>	2021	CIRA-DTS-21-0159	<a href="https://creativecommons.org/licenses/by-sa/4.0/">https://creativecommons.org/licenses/by-sa/4.0/</a>
<a href="#">OA</a>	A. Carozza, F. Petrosino, G. Mingione	<i>Numerical procedure for electro-thermal anti-icing system simulation coupling internal thermal analysis and external multi-physics code</i>	10th EASN 2020 - IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012010 IOP Publishing doi:10.1088/1757-899X/1024/1/012010	2021	CIRA-DTS-21-0481	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>
<a href="#">OA</a>	F. Petrosino, D. De Rosa, G. Mingione	<i>Application of different Lagrangian Particle Tracking techniques for water impingement</i>	10th EASN 2020 - IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012011 IOP Publishing doi:10.1088/1757-899X/1024/1/ 012011	2021	CIRA-DTS-21-0504	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>



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<a href="#">OA</a>	A. Beligni, F. Cadini, C. Sbarufatti, M. Giglio, N. Cimminiello, P. Salvato, E. Monaco, <b>F. Romano</b>	<i>Investigation on low velocity impact damage identification with ultrasonic techniques under different sensor network conditions</i>	10th EASN 2020 - IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012027 IOP Publishing doi:10.1088/1757-899X/1024/1/ 012027	2021	<b>CIRA-DTS-20-2700</b>	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>
<a href="#">OA</a>	<b>M. Montesarchio, A. L. Zollo, M. Ferrucci, E. Bucchignani</b>	<i>Advanced Weather Awareness System for Small Air Transport vehicles: design advancements in the COAST project</i>	10th EASN 2020 - IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012086 IOP Publishing doi:10.1088/1757-899X/1024/1/ 012086	2021	<b>CIRA-DTS-20-3528</b>	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>
<a href="#">OA</a>	<b>V. Di Vito, G. Torrano, G. Cerasuolo, M. Ferrucci</b>	<i>Tactical Separation System for Small Air Transport Vehicles: design advancements in the COAST Project</i>	10th EASN 2020 - IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012085 IOP Publishing doi:10.1088/1757-899X/1024/1/ 012085	2021	<b>CIRA-DTS-20-3604</b>	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>
<a href="#">OA</a>	<b>V. Di Vito</b> , P. Grzybowski, T. Rogalski, P. Maslowski	<i>A concept for an Integrated Mission Management System for Small Air Transport vehicles in the COAST project</i>	10th EASN 2020 - IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012087 IOP Publishing doi:10.1088/1757-899X/1024/1/ 012087	2021	<b>CIRA-DTS-20-3610</b>	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>
<a href="#">OA</a>	<b>V. Di Vito</b> , J. Beran, T. Kabr, P. Grzybowski, T. Rogalski, P. Maslowski, <b>M. Montesarchio</b>	<i>Flight management enabling technologies for single pilot operations in Small Air Transport vehicles in the COAST project</i>	10th EASN 2020 - IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012089 IOP Publishing doi:10.1088/1757-899X/1024/1/ 012089	2021	<b>CIRA-DTS-20-3601</b>	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>
<a href="#">OA</a>	F. Bonfante, M. D.L. Dalla Vedova, P. Maggiore, F. Grimaccia, <b>E. Filippone</b>	<i>Integration of rule-based 'Expert Systems' on RPAS capable of Specific Category Operations within the U-space: an original mitigation strategy for operational safety risks</i>	10th EASN 2020 - IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012094 IOP Publishing doi:10.1088/1757-899X/1024/1/ 012094	2021	<b>CIRA-DTS-21-1364</b>	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>

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<a href="#">OA</a>	A.D. French, A. Schettino, L. Romano	<i>High mach number drag analysis of a modern lightweight launch vehicle</i>	10th EASN 2020 - IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012111 IOP Publishing doi:10.1088/1757-899X/1024/1/012111	2021	CIRA-DTS-21-0307	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>
<a href="#">OA</a>	F. Piscitelli, M.L. Lo Gatto, G. Rollo, G. Filippone, M. Lavorgna	<i>Solvent-free process for the synthesis of highly stretchable piezoresistive sensors based on polydimethylsiloxane filled with graphene nanoplatelets and carbon nanotubes</i>	10th EASN 2020 - IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012003 IOP Publishing doi:10.1088/1757-899X/1024/1/012003	2021	CIRA-DTS-21-0344	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>
<a href="#">OA</a>	F. Capizzano, T. Sucipto	<i>A dynamic Immersed Boundary method for moving bodies and FSI applications</i>	10th EASN 2020 - IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012049 IOP Publishing doi:10.1088/1757-899X/1024/1/012049	2021	CIRA-DTS-20-3543	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>
<a href="#">OA</a>	A. Sorrentino, A. Chiariello, L. Di Palma, A. De Fenza	<i>Experimental investigation of damage detection on structures with friction stir welding (FSW) junctions</i>	10th EASN 2020-IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012031 IOP Publishing doi:10.1088/1757-899X/1024/1/012031	2021	CIRA-DTS-20-3248	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>
<a href="#">OA</a>	A. Cardozo, J. Beretta, N. Paletta, S. Adden, M. Belardo, A. Chiariello, L. Di Palma	<i>Preliminary studies of flight sensing for loads and aeroelastic parameters estimation of the NGCTR-TD wing</i>	10th EASN 2020-IOP Conf. Series: Materials Science and Engineering 1024 (2021) 012030 IOP Publishing doi:10.1088/1757-899X/1024/1/012030	2021	CIRA-DTS-20-3324	<a href="https://creativecommons.org/licenses/by/3.0/it/">https://creativecommons.org/licenses/by/3.0/it/</a>
<a href="#">OA</a>	F.M. Pisano, M. Ciminello	<i>A Visual Analytics Tool for the Structural Health Monitoring of an Aircraft Panel</i>	"Intern. J. of Computer and Information Engineering " (WASET); vol:15, (1), 2021 -waset.org/Publication/10011718	2021	CIRA-DTS-20-3555	<a href="http://creativecommons.org/licenses/by/4.0/">http://creativecommons.org/licenses/by/4.0/</a>

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<a href="#">OA</a>	A. Serafini, M. Albéri, M. Amoretti, S. Anconelli, E. Bucchi, S. Caselli, E. Chiarelli, <b>L. Cicala</b> , T. Colonna, <b>M. De Cesare</b> , S. Gentile, E. Guastaldi, T. Letterio, A. Maino, F. Mantovani, M. Montuschi, G. Penzotti, K.G.C. Raptis, F. Semenza, D. Solimando, V. Strati	<i>Proximal Gamma-Ray Spectroscopy: An Effective Tool to Discern Rain from Irrigation</i>	Remote Sens. 2021, 13, 4103, MDPI. <a href="https://doi.org/10.3390/rs13204103">https://doi.org/10.3390/rs13204103</a>	2021	CIRA-DTS-22-2952	<a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	A. Serafini, <b>L. Cicala</b> , <b>M. De Cesare et al.</b>	<i>Mapping the outdoor effective dose: the case study of the Umbria region (Italy)</i>	EGU General Assembly 2021. EGU21-7284 <a href="https://doi.org/10.5194/egusphere-egu21-7284">https://doi.org/10.5194/egusphere-egu21-7284</a> Editore: Copernicus Meetings	2021	CIRA-DTS-22-2958	<a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	<b>L. Cicala</b> , <b>S. Parrilli</b> , <b>C.V. Angelino</b> , <b>D. Amitrano</b>	<i>Micro-dumps detection in satellite images with Scattering Transform</i>	EGU General Assembly 2021 EGU21-8485. <a href="https://doi.org/10.5194/egusphere-egu21-8485">https://doi.org/10.5194/egusphere-egu21-8485</a> Editore: Copernicus Meetings	2021	CIRA-DTS-22-2960	<a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>
<a href="#">OA</a>	M. Di Gregorio, M. Romano, M. Sebillio, G. Vitiello, <b>A. Vozella</b>	<i>Improving Human Ground Control Performance in Unmanned Aerial Systems</i>	Future Internet 2021, 13, 188. <a href="https://doi.org/10.3390/fi13080188">https://doi.org/10.3390/fi13080188</a>	2021	CIRA-DTS-22-3297	<a href="https://creativecommons.org/licenses/by/4.0/">https://creativecommons.org/licenses/by/4.0/</a>