

Conference proceedings and other publications (without articles in journals)

1. Wei X., Aldo Faisal A., Grosse-Wentrup M., Gramfort A., Chevallier S., Jayaram V., Jeunet C., Bakas S., Ludwig S., Barmpas K., Bahri M., Panagakis Y., Laskaris N., Adamos D.A., Zafeiriou S., Duong W.C., Gordon S.M., Lawhern V.J., Śliwowski M., Rouanne V., Tempczyk P.
[2021 BEETL Competition: Advancing Transfer Learning for Subject Independence & Heterogenous EEG Data Sets](#)
NeurIPS, Nov 2022, Nouvelle Orleans, United States.
2. Porciuncula Baptista R., Naudin M., Chaithya Giliyar Radhakrishna, Daval-Fr  rot G., Mauconduit F., et al..
Document De Travail, (2023)
[Accelerated sodium MRI using undersampled 3D SPARKLING at 7T.](#)
3. Zharenov D., David J.-C., Cugnon J., Hirtz J.
[Antiproton at rest and in-flight within Intra-Nuclear Cascade Liege model \(INCL\)](#)
16th Varenna Conference on Nuclear Reaction Mechanisms, Jun 2023, Varenna, Italy.
(2023), art. no. 09003
DOI : 10.1051/epjconf/202429209003
4. Amor Z., Chaithya Giliyar Radhakrishna, Le Ster C., Daval-Fr  rot G., Boulant N., et al..
[B0 field distortions monitoring and correction for 3D non-Cartesian fMRI acquisitions using a field camera: Application to 3D-SPARKLING at 7T.](#)
Joint Annual Meeting ISMRM-ESMRMB & ISMRT 31st Annual Meeting, May 2022, London, United Kingdom.
5. Chaithya Giliyar Radhakrishna, Ciuciu P..
[Benchmarking learned non-Cartesian k-space trajectories and reconstruction networks.](#)
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6. Trabelsi A., Cagli C., Hirtzlin T., Martin S., Billoint O., et al..
[Convolution neural network inference using frequency modulation in computational phase-change memory.](#)
IIRW 2023 - IEEE International Integrated Reliability Workshop, Oct 2023, South Lake Tahoe, United States. pp.1-4,
DOI: 10.1109/IIRW59383.2023.10477705
7. Gueroudji A., Bigot J., Raffin B., Ross R.
[Dask-Extended External Tasks for HPC/ML In transit Workflows](#)

SC-W 2023 - Workshops of The International Conference on High Performance Computing, Network, Storage, and Analysis, Nov 2023, Denver, United States.
pp.831-838 (2023), pp. 831 - 838
[DOI: 10.1145/3624062.3624151](https://doi.org/10.1145/3624062.3624151)

8. Śliwowski M., Martin M., Souloumiac A., Blanchart P., Aksenova T.
[Deep Learning for ECoG Brain-Computer Interface: End-to-End vs. Hand-Crafted Features](#)
Dovier, A., Montanari, A., Orlandini, A. (eds) AIXIA 2022 – Advances in Artificial Intelligence. AIXIA 2022. Lecture Notes in Computer Science(), vol 13796.
[DOI: 10.1007/978-3-031-27181-6_25](https://doi.org/10.1007/978-3-031-27181-6_25)
9. Rouanne V., Śliwowski M., Costecalde T., Benabid A.L., Aksenova T.
[Detection of error correlates in the motor cortex in a long term clinical trial of ECoG based brain computer interface](#)
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DOI: [10.5220/0010227800260034](https://doi.org/10.5220/0010227800260034)
10. Trabelsi A., Cagli C., Hirtzlin T., Cueto O., Cyrille M.C., Vianello E., Meli V., Sousa V., Bourgeois G., Andrieu F.
[Frequency modulation of conductance level in PCM device for neuromorphic applications](#)
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[DOI: 10.1109/ESSCIRC55480.2022.9911461](https://doi.org/10.1109/ESSCIRC55480.2022.9911461)
11. Granados G., Colombero G., Gatti F., Miorelli R., Clouteau D., et al..
[Generative model approach on TFM data based on variational inference for multi-fidelity data generation.](#)
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12. G R C., Ramzi Z., Ciuciu P.
[Hybrid Learning of Non-Cartesian K-Space Trajectory and Mr Image Reconstruction Networks](#)
(2022), 2022-March
[DOI: 10.1109/ISBI52829.2022.9761408](https://doi.org/10.1109/ISBI52829.2022.9761408)
13. Hung Cuong Nguyen, Tran Quoc Tuan, Yvon Besanger, Thai-Phuong Do.
[Impact of renewable energy resources on frequency of a power system based on mathematical approach.](#)
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14. Nguyen H.C., Tran Q.T., Besanger Y.
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[DOI :10.1109/ISGTEUROPE56780.2023.10407810](#)
15. Hoang Thi-Khanh-Dieu, Quiquet A., Dumas Ch., Born A., M. Roche D.
[Improve iLOVECLIM \(version 1.1\) with a multi-layer snow model: surface mass balance evolution during the Last Interglacial](#)
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16. Tran Q.T., Nguyen H.C., Pham M.C.
[Improving Transient Stability of Power System through HVDC Controls](#)
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[DOI :10.1109/MELECON56669.2024.10608623](#)
17. Duval Comşa M.-P., Phlypo R., Grangeat P.
[Inverting the diffusion-convection equation for gas desorption through an homogeneous membrane by Kalman filtering](#)
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[DOI:10.23919/EUSIPCO55093.2022.9909836](#)
18. Chaithya G.R., Ramzi Z., Ciuciu P.
[Learning the sampling density in 2D SPARKLING MRI acquisition for optimized image reconstruction](#)
(2021), 2021-August, pp. 960 - 964
[DOI: 10.23919/EUSIPCO54536.2021.9616336](#)
19. Giliyar Radhakrishna, Daval-Fr  rot G, Massire A.,. Mailh   B, M. Nadar, et al..
[MORE-SPARKLING: non-cartesian trajectories with minimized off-resonance effects.](#)
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20. Assogba K., Bourhrara L., Zmijarevic I., Allaire G.
[Precise 3D Reactor Core Calculation using Spherical Harmonics and Discontinuous Galerkin Finite Element Methods](#)
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21. Braccio S., Phan H.T., Tauveron N., Le Pierr  s N.

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22. Nguyen H.C., Tran Q.T., Besanger Y.

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[DOI :10.1109/ISGTEUROPE62998.2024.10863750.](#)

23. Cuong N.H., Tuan T.Q., Besanger Y.

[Stochastic approach to enhance frequency stability of micro grids.](#)

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[DOI :10.1109/EEE-AM58328.2023.10395899\](#)

24. Braccio S., Phan H.T., Tauveron N., Le Pierrès N.

[Study of the integration of a supersonic impulse turbine in a NH₃/H₂O absorption heat pump for combined cooling and power production from a low temperature heat source](#)

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