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Summary

Memberships

Organisations

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Research Groups

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- [Digital Health Engineering - Core](#)

Recent publications

- Masullo, A, Burghardt, T, Damen, D, Perrett, T & Mirmehdi, M, 2019, '[Who Goes There? Exploiting Silhouettes and Wearable Signals for Subject Identification in Multi-Person Environments](#)'.
- Masullo, A, Burghardt, T, Perrett, T, Aldamen, D & Mirmehdi, M, 2019, '[Sit-to-Stand Analysis in the Wild using Silhouettes for Longitudinal Health Monitoring](#)'.
- Simonini, A, Theunissen, R, Masullo, A & Vetrano, MR, 2019, '[PIV adaptive interrogation and sampling with image projection applied to water sloshing](#)'. *Experimental Thermal and Fluid Science*, vol 102., pp. 559-574
- Ponce-López, V, Burghardt, T, Hannunna, S, Damen, D, Masullo, A & Mirmehdi, M, 2019, '[Semantically Selective Augmentation for Deep Compact Person Re-Identification](#)'. in: Stefan Roth, Laura Leal-Taixé (eds) *Computer Vision – ECCV 2018 Workshops, Proceedings*. Springer Verlag, pp. 551-561
- Masullo, A & Theunissen, R, 2018, '[On dealing with multiple correlation peaks in PIV](#)'. *Experiments in Fluids*, vol 59.
- Elsts, A, Burghardt, T, Byrne, D, Camplani, M, Damen, D, Fafoutis, X, Hannuna, S, Harwin, W, Holmes, M, Janko, B, Lopez, VP, Masullo, A, Mirmehdi, M, Oikonomou, G, Piechocki, R, Sherratt, S, Tonkin, EL, Twomey, N, Vafeas, A, Woznowski, PR & Craddock, I, 2018, '[A Guide to the SPHERE 100 Homes Study Dataset](#)'.
- Masullo, A, Burghardt, T, Damen, D, Hannuna, S, Lopez, VP & Mirmehdi, M, 2018, '[CaloriNet: From silhouettes to calorie estimation in private environments](#)'.
- Simonini, A, Theunissen, R, Masullo, A & Vetrano, R, 2017, '[Treatment of dynamic interfaces in PIV: Application to lateral harmonic sloshing](#)'.
- Masullo, A & Theunissen, R, 2017, '[On the applicability of numerical image mapping for PIV image analysis near curved interfaces](#)'. *Measurement Science and Technology*, vol 28.
- Mendez, MA, Raiola, M, Masullo, A, Discetti, S, Ianiro, A, Theunissen, R & Buchlin, J-M, 2017, '[POD-based Background Removal for Particle Image Velocimetry](#)'. *Experimental Thermal and Fluid Science*, vol 80., pp. 181-192

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