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[J1] C Tomani and D Cremers,
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Optics Express, 30(9): 15669-15684, 2022, Editor’s Pick.

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[C1] C Tomani, D Cremers and F Buettner,
**Parameterized Temperature Scaling for Boosting the Expressive Power in Post-Hoc Uncertainty Calibration,**
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[C2] F Müller, Q Khan and D Cremers,
**Lateral Ego-Vehicle Control Without Supervision Using Point Clouds,**

[C3] L Hang, Q Khan, V Tresp and D Cremers,
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Brain Informatics (Accepted), Springer, 2022.

[C4] D Das, Q Khan and D Cremers,
**Ventriloquist-Net: Leveraging Speech Cues for Emotive Talking Head Generation,**
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[J1] P. Müller, V. Golkov, V. Tomassini and D. Cremers,
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[J2] M. Mozes, M. Schmitt, V. Golkov, H. Schütze and D. Cremers,
**Scene Graph Generation for Better Image Captioning?,**

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[C1] F. Wimbauer, N. Yang, L. von Stumberg, N. Zeller and D Cremers,
**MonoRec: Semi-Supervised Dense Reconstruction in Dynamic Environments from a Single Moving Camera,**
Keywords: Deep Learning

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[PhD1] V. Golkov, Deep learning and variational analysis for high-dimensional and geometric biomedical data, Department of Informatics, Technical University of Munich, Germany, 2021.

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[C1] V. Golkov, M. J. Skwark, A. Mirchev, G. Dikov, A. R. Geanes, J. Mendenhall, J. Meiler and D. Cremers,
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[C2] N. Yang, L. von Stumberg, R. Wang and D. Cremers,
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*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2020, *Oral Presentation*.

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*European Conference on Machine Learning and Data Mining (ECML-PKDD)*, 2020.

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[C5] L. von Stumberg, P. Wenzel, N. Yang and D. Cremers,
**LM-Reloc: Levenberg-Marquardt Based Direct Visual Relocalization**, 

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[J1] F. Pasa, V. Golkov, F. Pfeiffer, D. Cremers and D. Pfeiffer,
**Efficient Deep Network Architectures for Fast Chest X-Ray Tuberculosis Screening and Visualization**, 

[J2] J. Schuchardt, V. Golkov and D. Cremers,
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[C2] P. Swazinna, V. Golkov, I. Lipp, E. Sgarlata, V. Tomassini, D. K. Jones and D. Cremers,  
*Negative-Unlabeled Learning for Diffusion MRI*,  

[C3] Q. Khan, P. Wenzel, D. Cremers and L. Leal-Taixe,  
*Towards Generalizing Sensorimotor Control Across Weather Conditions*,  

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*Clustering with Deep Learning: Taxonomy and New Methods*,  

[J2] N Mayer, E Ilg, P Fischer, C Hazirbas, D Cremers, A Dosovitskiy and T Brox,  
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*Asian Conference on Computer Vision (ACCV)*, December 2018.

*q-Space Deep Learning for Alzheimer’s Disease Diagnosis: Global Prediction and Weakly-Supervised Localization*,  

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* Associative Deep Clustering - Training a Classification Network with no Labels*,  
*Proc. of the German Conference on Pattern Recognition (GCPR)*, October 2018.

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[C6] P. Wenzel, Q. Khan, D. Cremers and L. Leal-Taixe,
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[C3] P. Haeusser, A. Mordvintsev and D. Cremers,
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One-Shot Video Object Segmentation,

[C6] K. Kurach, S. Gelly, M. Jastrzebski, P. Haeusser, O. Teytaud, D. Vincent and O. Bousquet,
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Protein Contact Prediction from Amino Acid Co-Evolution Using Convolutional Networks for Graph-Valued Images,
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[C2] C. Hazirbas, L. Ma, C. Domokos and D. Cremers,
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[C3] S. Sharifzadeh, I. Chiotellis, R. Triebel and D. Cremers,
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*Medical Image Computing and Computer Assisted Intervention (MICCAI), Munich, Germany, oct 2015*.

[C2] A. Dosovitskiy, P. Fischer, E. Ilg, P. Haeusser, C. Hazirbas, V. Golkov, P. van der Smagt, D. Cremers and T. Brox,
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[C3] F. Stark, C. Hazirbas, R. Triebel and D. Cremers,
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*GCPR Workshop on New Challenges in Neural Computation, Aachen, Germany, 2015*. 