

## List of Publications - Elias Eulig

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### Legend

Peer reviewed paper      pr  
Conference contribution   cc

### Publications

- [1] **Elias Eulig**, J. Maier, A. Hahn, and M. Kachelrieß. Deep Inpainting for Photon-Counting Cone-Beam CT. *Program of the 105th Scientific Assembly and Annual Meeting of the RSNA*, November 2018  
cc
- [2] J. Maier, **Elias Eulig**, S. Sawall, and M. Kachelrieß. Deep Scatter Estimation (DSE) for Truncated Cone-Beam CT (CBCT). *Program of the 105th Scientific Assembly and Annual Meeting of the RSNA*, November 2018  
cc
- [3] J. Maier, **Elias Eulig**, S. Dorn, S. Sawall, and M. Kachelrieß. Real-time patient-specific ct dose estimation using a deep convolutional neural network. *IEEE 2018 NSS/MIC/RTSD*, 2018a  
cc
- [4] J. Maier, **Elias Eulig**, T. Vöth, M. Knaup, S. Sawall, and M. Kachelrieß. Deep Scatter Estimation: Accurate Real-Time Scatter Estimation for CT and Cone Beam CT using a Deep Convolutional Neural Network. *Medical Physics*, 2018b  
pr
- [5] **Elias Eulig**, J. Maier, M. Knaup, T. Koenig, K. Hörndler, and M. Kachelrieß. Deep DSA: Learning digital subtraction angiography for static and dynamic acquisition protocols using a deep convolutional neural network. *Program of the 25th European Congress of Radiology (ECR)*, February 2019  
cc
- [6] J. Maier, **Elias Eulig**, Sabrina Dorn, S. Sawall, and M. Kachelrieß. Real-time patient-specific CT dose estimation for single- and dual-source CT using a deep convolutional neural network. *Program of the 25th European Congress of Radiology (ECR)*, February 2019  
cc
- [7] **Elias Eulig**, J. Maier, M. Knaup, T. Koenig, K. Hörndler, and M. Kachelrieß. Learned digital subtraction angiography (Deep DSA): Method and application to lower extremities. *15th International Meeting on Fully Three-Dimensional Image Reconstruction*, June 2019  
cc