

Carola-Bibiane Schönlieb graduated from the University of Salzburg (Austria) in 2004. She received her Ph.D. degree from the University of Cambridge (UK) in 2009. After a one year research period at the University of Göttingen (Germany) she started her lectureship at the Department of Applied Mathematics and Theoretical Physics (DAMTP), University of Cambridge (UK). There, she is head of the Cambridge Image Analysis Group (CIA) in DAMTP specialising in the mathematics of digital image and video processing using partial differential equations and variational methods. Within this context she is interested in both the theoretical and numerical analysis of the problems considered as well as their practical implementation and their use for real-world applications like arts restoration, remote sensing, and biomedical imaging. She is also co-leader of the Cambridge IMAGES network, a university initiative to allow interaction between developers and users of imaging and analysis t

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ss departments, and is the Imaging Theme Champion in the Cambridge Big Data Initiative, a network of researchers in data science. She presented a 2014 plenary lecture at the SIAM conference on Imaging Science and is one of the organisers of the upcoming 4-months Newton Institute Programme on Mathematical Aspects in Imaging and Vision to be held in 2017. She has received prizes and awards for her work, among them the Mary Bradburn award from the BFWG in 2008 and an EPSRC Photo Science Award in 2014, and has done considerable work in promoting women in mathematics.

Also, a link to my groups webpage: <http://www.damtp.cam.ac.uk/research/cia/>

And the Cambridge IMAGES network: <http://www.images.group.cam.ac.uk>