

**Posters at the 6th International NanoSIMS user meeting – Utrecht University, 26-27 Sep 2016**

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2	Nuclear forensics of radioactive particles in the environment: application of nanosims for advanced characterization	C. Fallon, I. Lyon, F. R. Livens, K. Morris, P. Thompson, G. T.W. Law	
3	Nanosims studies of hydrogen localisation in metallographic samples	C. Jones, Y. Liu, Z. Zhang, T. L. Burnett, M. Preuss and K. L. Moore	
4	Chemical imaging of large h-zsm-5 zeolite crystals with nanoSIMS	Ö. Attila, D.A. Matthijs de Winter, M. Kienhuis, L. Polerecky, F. Meirer and B. M. Weckhuysen	Material sciences
5	Detection and localisation of drug molecules in biological samples using secondary ion mass spectrometry (SIMS)	S. Aldossari, A. Detta, G. S. Cruickshank, K. L. Moore, N. P. Lockyer	
6	Diatom chemistry as a potential paleo-proxy for sea surface conditions	S. Akse, A. Roepert, M. Kienhuis, L. Polerecky, J. Middelburg	Microbiology and biogeochemistry
7	Potential of Cl/Ca ratio in coccoliths as a proxy for seawater salinity	A. Roepert, L. Polerecky, J. Middelburg	
8	Finding phosphate in Fe(III)-oxide mineralized bacterial stalks	H. E. King, O. Plümper, L. Polerecky and R. E. Blake	
9	Visualization of the assimilation of nanoparticles in biological tissues by SIMS nano-analysis.	E. Lentzen, J.-N. Audinot, N. Valle, A. Georgantzopoulou, K. Mehennaoui, S. Cambier and A. C. Gutleb	
10	Quantitative imaging of dissolved organic matter uptake by individual free-living marine nematodes	K. Guilini, L. Polerecky, T. Moens and A. Vanreusel	
11	Methane cycling under nitrogen-limited conditions: diazotrophy as life-strategy for methanogens and methanotrophs?	S. Y. Kim, M. Meima-Frank, A. Ho, L. Polerecky and P. L. E. Bodelier	
12	Variability of short-term carbon uptake and transfer within a natural microbial community from lake Taihu, China	M. R. Flores, S. van Grinsven, Z. Liu, J. Middelburg, L. Polerecky	

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