

**CORNET Call for Proposals: international Collective Research**  
**--- Partner Profile ---**

Organisation:	<b>PI - Institute for Process Control and Innovative Energy Conversion</b>
Website address:	www.pi.hs-mannheim.de
Organisation typology:	<input type="checkbox"/> SME Association <input type="checkbox"/> Cluster <input checked="" type="checkbox"/> University <input type="checkbox"/> Research Centre <input type="checkbox"/> Other (please specify)
Sector/field of specialisation:	Optical and electronical system development, Image Processing, Modelling
Expertise offered:	<ol style="list-style-type: none"> <li>1. Kidney function assesment</li> <li>2. Area monitoring in radiation exposed rooms</li> <li>3. Diagnostic radiology</li> <li>4. Adaption methods for medical adjuvants</li> </ol> <p><u>examples:</u> SCHOCK-KUSCH, D., Y. SHULHEVICH, Q. XIE, J. HESSER, D. STSEPANKOU, S. NEUDECKER, J. FRIEDEMANN, S. KÖNIG, R. HEINRICH, F. HOECKLIN, J. PILL, N. GRETZ, J. HESSER und S. KOENIG, 2012. Online feedback-controlled renal constant infusion clearances in rats [online]. <i>Kidney International</i>, <b>82</b>(82 // 3), 314-320. <i>Kidney International</i>. Verfügbar unter: doi:10.1038/ki.2012.117</p> <p>ALBIN, A., U. STAHL, A. ZIEGLER, M. RÄDLE und J. BADER, 2015. Qualitätssicherung in der Pharma- und Lebensmittelindustrie durch den Einsatz optimierter Bioindikatoren und die Lokalisation von Biofilmen in Rohrleitungssystemen. In: <i>Research Day 2015 - Tagungsband</i>, S. 18-21.</p> <p>GARCÍA MOLINA, JOSÉ FERNANDO, L. ZHENG, M. SERTDEMIR, D.J. DINTER, S. SCHÖNBERG und M. RÄDLE, 2014. Incremental learning with SVM for multimodal classification of prostatic adenocarcinoma [online]. <i>PloS one</i>, <b>9</b>(4), e93600. ISSN 1932-6203. Verfügbar unter: doi:10.1371/journal.pone.0093600</p> <p>ZIEGLER, A., D. SCHOCK-KUSCH, D. BOPP, S. DOUNIA, M. RÄDLE und U. STAHL, 2015. Single bacteria movement tracking by online microscopy - a proof of concept study. <i>PloS one</i>, <b>10</b>(4), e0122531.</p>
Contact person:	<p>Name: Prof. Dr. Matthias Rädle</p> <p>Organisation: Hochschule Mannheim, University of Applied Sciences</p> <p>E-mail: m.raedle@hs-mannheim.de</p> <p>Tel: +49 621 76 15 08 21</p>