



Contribution ID: 58

Type: **Poster**

## Systematic analysis of in-vivo dark-field signal in pig lungs

*Wednesday, 13 September 2017 12:30 (2 hours)*

**Primary author:** Mr DE MARCO, Fabio (Chair of Biomedical Physics, Technical University of Munich)

**Co-authors:** Dr FINGERLE, Alexander A. (Department of Diagnostic and Interventional Radiology, Technische Universität München, Munich, Germany); Dr YAROSHENKO, Andre (Philips Medical Systems DMC GmbH, Hamburg, Germany); Dr BAEHR, Andrea (Department of Veterinary Sciences, Ludwig-Maximilians-Universität München, Munich, Germany); Dr GLEICH, Bernhard (Munich School of BioEngineering, Technische Universität München, Munich, Germany); Mr RENGER, Bernhard (Department of Diagnostic and Interventional Radiology, Technische Universität München, Munich, Germany); Dr KUNKA, Danays (Institute of Microstructure Technology, Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany); Dr MUENZEL, Daniela (Department of Diagnostic and Interventional Radiology, Technische Universität München, Munich, Germany); Prof. RUMMENY, Ernst J. (Department of Diagnostic and Interventional Radiology, Technische Universität München, Munich, Germany); Prof. PFEIFFER, Franz (Chair of Biomedical Physics, Technische Universität München, Munich, Germany); Dr KOCH, Frieder J. (Institute of Microstructure Technology, Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany); Mr MAACK, Hanns-Ingo (Philips Medical Systems DMC GmbH, Hamburg, Germany); Mr VANDER HEIJDEN, Hendrik (Philips Medical Systems DMC GmbH, Hamburg, Germany); Dr HERZEN, Julia (Chair of Biomedical Physics and Munich School of BioEngineering, Technische Universität München, Munich, Germany); Dr MOHR, Jürgen (Institute of Microstructure Technology, Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany); Mr RINDT, Karsten (Philips Medical Systems DMC GmbH, Hamburg, Germany); Dr HELLBACH, Katharina (Institute of Clinical Radiology, Ludwig-Maximilians-Universität München, Munich, Germany); Dr ACHTERHOLD, Klaus (Chair of Biomedical Physics and Munich School of BioEngineering, Technische Universität München, Munich, Germany); Mr WILLER, Konstantin (Department of Physics, Chair of Biomedical Physics, Technische Universität München, Munich, Germany); Mr GROMANN, Lukas (Chair of Biomedical Physics & Institute of Medical Engineering, Technical University of Munich, 85748 Garching, Germany.); Prof. REISER, Maximilian (Institute of Clinical Radiology, Ludwig-Maximilians-Universität München, Munich, Germany); Dr DMOCHEWITZ, Michaela (Department of Veterinary Sciences, Ludwig-Maximilians-Universität München, Munich, Germany); Dr WIEBERNEIT, Nataly (Philips Medical Systems DMC GmbH, Hamburg, Germany); Dr MEYER, Pascal (Institute of Microstructure Technology, Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany); Dr NOËL, Peter B. (Chair of Biomedical Physics and Department of Diagnostic and Interventional Radiology, Technische Universität München, Munich, Germany); Mr PROKSA, Roland (Philips GmbH Innovative Technologies, Research Laboratories, Hamburg, Germany); Dr AUWETER, Sigrid (Institute of Clinical Radiology, Ludwig-Maximilians-Universität München, Munich, Germany); Dr KOEHLER, Thomas (Philips GmbH Innovative Technologies, Research Laboratories, Hamburg, Germany); Mr PRALOW, Thomas (Philips Medical Systems DMC GmbH, Hamburg, Germany); Mr SCHROETER, Tobias J. (Institute of Microstructure Technology, Karlsruhe Institute of Technology, Eggenstein-Leopoldshafen, Germany)

**Presenter:** Mr DE MARCO, Fabio (Chair of Biomedical Physics, Technical University of Munich)

**Session Classification:** Lunch break & Poster session

**Track Classification:** Clinical applications