

## Curriculum Vitae: Fabio Tedoldi, Ph.D

Born in Broni (Italy) - August 27<sup>th</sup>, 1969.

Italian citizen, married.

Present address: Bracco Imaging SpA, Via Ribes 5, I-10010 Colletterto Giacosa (TO) - Italy

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Job grade: Dirigente

### EDUCATION

- Ph.D in Condensed Matter Physics – University of Pavia, Italy
- M.Sc. in Physics – University of Pavia, Italy
- High School Diploma in Surveying

### TRAINING SESSIONS IN BUSINESS SCHOOLS

- September – October 2009, SDA Bocconi, Milano (Italy) – *Project Management: pensiero e azione.*
- April -July 2015, Politecnico di Milano – Graduate School of Business – *Building the Innovative Vision.*

### LANGUAGES

- Italian (mother tongue), English (fluent)

### PROFESSIONAL EXPERIENCE

- 2014 – to date *Research Department Director* – GR&D, Centro Ricerche Bracco, Bracco Imaging Spa, Colletterto Giocosa (TO)-Italy
- 2008 – 2014 *Preclinical Imaging Manager and Research Project Leader*, Centro Ricerche Bracco, Bracco Imaging Spa, Colletterto Giocosa (TO)-Italy
- 2001 – 2007 *R&D Project Leader, NMR/MRI Application Scientist, MRI Service Coordinator*, Bruker BioSpin S.r.l., Milano-Italy.
- 2000 - 2001 *Post-doc Research Fellow*, National Institute of Condensed Matter Physics (INFM), Pavia – Italy.
- 1999 *Teaching assistant of Electromagnetism* – Engineering Course, University of Pavia.
- 1998 - 1999 *Consultant* at the Computer Centre of the University of Pavia.
- 1996 - 1999 *Ph. D. student in Physics*, University of Pavia – Italy.
- 1996 – 1997 *Secondary school teacher.*
- 1996 *Graduated Research Fellow*, National Institute of Condensed Matter Physics (INFM), Pavia – Italy.
- 1995 - 1996 *Servizio Civile.*

### BUDGET AND HUMAN RESOURCES MANAGED IN THE PRESENT POSITION

- Budget: up to 4 M€/yrs
- HR: up to 70 researchers

### MAIN PROJECTS LEADED

- 2014 – 2015 Due Diligence for the acquisition of a manufacturing plant for radioisotopes production (15 team members / key contributors, in collaboration with Technical Operation).
- 2010 – 2012 Development of a platform for Hyperpolarized Metabolic Imaging via Nuclear Magnetic Resonance (30 team members / key contributors).
- 2007-2008 Planning and installation of the first 4T human MRI scanner in Italy – University of Trento, Italy
- 2001-2004 EU Project 'E!2214-MOUSE' aimed at the development a mobile NMR platform for investigation of the Cultural Heritage

### MAIN SKILLS

- R&D Programs and Facilities Leading / Management
- Preclinical Imaging Research (MRI, CT, Nuclear Medicine, Optical Imaging)
- Clinical MRI
- Nuclear isotopes production and relevant medical applications
- Solid state investigation (NMR, ESR,  $\mu$ SR, magnetic susceptibility)
- Quantum magnetism and High-Tc superconductivity
- Computation of complex physical systems
- RF hardware
- IP analysis
- Business planning

### TEACHING, TUTORING AND SCIENTIFIC REVIEWING

- MR Imaging lectures for graduate students, Scuola Nazionale di Risonanza Magnetica Nucleare (2008 - 2013)
- MR Imaging lectures for M.Sc. students, Medical Physics course, University of Torino (2012-2013)
- Supervisor of 7 M.Sc. thesis and 1Ph.D. thesis
- Scientific reviewer for several Physics and Imaging Journals

### PATENTS, SCIENTIFIC PUBLICATIONS

- Co-inventor of 9 patents (/applications)
- Co-author of 36 peer reviewed scientific papers and 5 other publications (book chapters, scientific highlights, etc.)