

Dr. Christopher Bidinosti Biography

Dr. Bidinosti is an Associate Professor in the Department of Physics at the University of Winnipeg. He received his PhD in physics from the University of British Columbia, studying high-temperature superconductivity. As a postdoctoral fellow at L'École Normale Supérieure (Paris) and Simon Fraser University, he began working on nuclear magnetic resonance (NMR) and magnetic resonance imaging (MRI).

The development of novel NMR/MRI techniques remains one of his primary research interests, with applications ranging from medical imaging to fundamental physics. Twenty years ago, while visiting a friend's blueberry farm in B.C., he (like many others) was struck by the idea that sensors and robotics would surely one day play a major role in agriculture. That day arrived sooner than he could have imagined, and he is keen to put his experience in instrument design and computing toward this exciting new goal.