

Michael Annan Lisa

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Citizenship: United States

Birth: 9 November 1966

Education

1993 Ph.D. (Physics), Michigan State University, East Lansing, MI
1990 M.A. (Physics), State University of New York at Stony Brook, Stony Brook, NY
1988 B.S. (Physics), University of Notre Dame, South Bend, IN

Positions

Oct 2005 - present Professor, The Ohio State University
Oct 2001 - Oct 2005 Associate Professor, The Ohio State University
Sep 1996 - Sep 2001 Assistant Professor, The Ohio State University
Sep 1993 - Sep 1996 Postdoctoral Research Associate, Lawrence Berkeley National Lab
Aug 1990 - Sep 1993 Research Assistant, Michigan State University
and National Superconducting Cyclotron Laboratory
Jan 1989 - Jul 1990 Research Assistant, State University of New York at Stony Brook

Publications and Presentations

200+ (non-proceedings) publications in refereed journals.
95 presentations, including 66 presentations at conferences and workshops
and 29 seminars and colloquia

Professional Honors

Fellow of the American Physical Society 2004-present
Finalist, Outstanding Teaching Award
Federation of Arts and Sciences Colleges Student Council 2004
Sambamurti Memorial Prize Lectureship 2004
Recipient, Grant in Areas of National Need (GANN) Fellowship 1991 and 1992

Professional Activities

NSF Site Visit and Review Panel (Chair) - Florida State 2007,2010
NSF Site Visit and Review Panel - UIUC 2002
RHIC/AGS User's Executive Committee 2001-03, 2005-06
Coordinator, ALICE Femtoscopy Working Group 2007-present
Co-convenor, STAR Bulk Correlations Physics Working Group 2008-2009
STAR Collaboration Physics Analysis Coordinator 2001-2002
STAR Collaboration Council 2007-present
Co-convenor, STAR HBT Physics Working Group 1999-2008
Referee for Physical Review Letters, Physical Review **C**,
Nuclear Physics, Physics Letters **B**, European Physics Journal,
DOE and NSF grants frequent
Presenter, Nuclear Science Advisory Committee (NSAC) 1995
Heavy Ion Town Meeting, Brookhaven National Lab

Conferences/Workshops Organized or Co-organized

Symposium in Honor of John Cramer, U. Washington, Seattle WA	Sept 2009
Workshop on high- p_T probes and the Underlying Event, BNL	June 2009
Discussion Organizer, Gordon Conference on Nuclear Chemistry	June 2006
Coordinator, workshop series at RHIC/AGS Users' Meeting, BNL	June 2006
Midwest Critical Mass workshop, Toledo, OH	October 2005
Workshop on Femtoscopy at RHIC, Brookhaven National Lab	June 2005
International Advisory Committee	
Workshop on Particle Correlations and Femtoscopy	2005-present
XX th Winter Workshop on Nuclear Dynamics, Tralawny, Jamaica,	March 2004
RHIC/AGS Users' Meeting, Brookhaven National Lab	October, 2002
RHIC Workshop on HBT and Elliptic Flow, Brookhaven National Lab	June 2002
Institute for Nuclear Theory Winter Workshop: "Correlations and Fluctuations in Heavy-Ion Collisions at RHIC," Seattle, WA	Jan 2002
Organizer, Relativistic Heavy Ion Session of 2000 Gordon Conference on Nuclear Chemistry	June 2000
Workshop on Decay of Hot Dense Nuclear Matter Joint APS/AAPT Spring Meeting, Columbus, OH	April 1998

Research Support

- NSF Grant PHY-9722653 "Studies of Relativistic Heavy Ion Collisions at AGS and RHIC," Sole P.I.
\$375,000, July 1997 - June 2000; supplemented with \$72,000 for July - December 2000
- OSU Seed Grant "Graduate Research on Ultrarelativistic Heavy Ion Collisions in the STAR experiment at RHIC," Sole P.I.
\$17,000 1998
- NSF Grant PHY-0099476, "Relativistic Heavy Ion Collision Studies with the RHIC STAR Experiment," Co-P.I. (with Tom Humanic and Evan Sugarbaker)
\$1,200,000 July 2001 - June 2004; supplemented with \$50,000 for January - June 2001
- NSF Grant PHY-0355007, "Relativistic Heavy Ion Collision Studies at RHIC and the LHC," Co-P.I. (with Tom Humanic and Evan Sugarbaker)
\$1,300,000 July 2004 - June 2007
- NSF Grant PHY-0653432, "Relativistic Heavy Ion Collision Studies at the LHC and RHIC," Co-P.I. (with Tom Humanic)
\$1,350,000 July 2007 - June 2010
- NSF Grant PHY-0970048, "Relativistic Heavy Ion Collision Studies at the LHC and RHIC," Co-P.I. (with Tom Humanic)
\$1,500,000 July 2010 - June 2012

Very Brief Research Statement

My research focus over the past several years has been on the experimental study of relativistic heavy ion collisions, with a goal of understanding the bulk properties of strongly-interacting matter under extreme conditions. My group's physics program has included systematic measurements at the Alternating Gradient Synchrotron (AGS) and the Relativistic Heavy Ion Collider (RHIC). We have been active in preparations for the imminent first data at the Large Hadron Collider (LHC). A particular interest and strength of my group is the study of the space-time substructure of the collisions, as probed by two-particle intensity interferometry, a.k.a. femtoscopy. These measurements turn out to be critical to understand the collective response of the system at ultra-high energy densities and pressure.