

August 30, 2024

CURRICULUM VITAE

Stephen Grenfell Peggs

Education

Oxford University	BA 1973	Physics
Cornell University	PhD 1981	Accelerator Physics

Tenured senior accelerator physicist at Brookhaven National Laboratory.
Adjunct professor at Stony Brook University.
Fellow of the American Physical Society.

Current professional interests

Accelerator design, linear and nonlinear beam dynamics.
BNL Relativistic Heavy Ion Collider (RHIC).
BNL Electron-Ion Collider R&D (EIC).
Accelerator Driven Sub-critical Reactors (ADSR).
Muon Collider.

Current committees and boards

Chair, BNL C-AD/EIC/IP Scientific Appointments Committee, (2016 - present).
Lecturer, U.S. Particle Accelerator School (USPAS).

Students

Graduated PhD: N. Cook (SBU), T. Satogata (Northwestern), C. Tang (SBU), J. Cardona (SBU),
R. Calaga (SBU), R. Fliller (SBU), U. Iriso (U. Barcelona).
Graduated MS: A. Warner (SBU).
Current PhD: H. Lovelace III (Huddersfield U.).

Publications

Peggs & Satogata: "Introduction to Accelerator Dynamics", Cambridge University Press, 2017.
List of publications available on request.

Career history

Oct 2019 - present	C-AD and EIC Accelerator Physicist, BNL
June 2016 - Sept 2019	CBETA Project Director, BNL
Jan 2015 - Sept 2016	Detaillee in the DOE office of HEP, Germantown
May 2013 - Sept 2016	Hadron Therapy Group Leader, BNL
Sept 2009 - Apr 2013	Deputy Head of ESS Accelerator Division, Lund
Aug 2008 - Aug 2009	Sabbatical leave from BNL at CERN, Geneva
Sept 2004 - July 2008	LARP Program Leader, BNL/Fermilab
Oct 1999 - Aug 2004	Associate Head, Collider-Accelerator Department, BNL
Sept 1992 - Sept 1999	Head, RHIC Accelerator Physics Group, BNL
Oct 1989 - Aug 1992	Head, Accelerator Physics Department, Fermilab
Nov 1984 - Sept 1989	Accelerator Physicist, SSC CDG, Berkeley
Mar 1984 - Nov 1984	Research Associate, Cornell University
Dec 1981 - Jan 1984	CERN Fellow, Geneva
Jan 1981 - Nov 1981	Postdoctoral Physicist, Cornell University