

ARNOLD POMPOS

Fermi National Accelerator Laboratory

MS 318

Batavia, IL 60510

Tel: (630) 840-8410 (w), (630) 840-4241 (h)

e-mail: pompos@fnal.gov

Web page: http://home.fnal.gov/~pompos/job_search/index.html

OBJECTIVE

A position that will utilize my education and that will employ as many as possible of my scientific, communication, and organizational skills and my capabilities for teaching.

EDUCATION

PURDUE UNIVERSITY, West Lafayette, IN, 08/95 -12/02

Ph.D. in Experimental High-Energy Particle Physics, GPA 3.8/4.0.

CHARLES UNIVERSITY, Prague, Czech Republic, 09/89 - 06/94

M.S. in Theoretical Physics, Summa Cum Laude, GPA 4.0/4.0.

EXPERIENCE

POST- DOCTORAL RESEARCH ASSOCIATE, Purdue University, West Lafayette, IN, 01/03-present

- Stationed at America's premier high-energy physics research facility, Fermilab, Batavia IL.
- Searched for particles predicted by physics theories beyond the current Standard Model of Particles.
- Mentored graduate student on thesis research.

RESEARCH ASSISTANT, Purdue University, Department of Physics, West Lafayette, IN, 01/97 - 12/02

- Analyzed Fermilab's Collider Detector data. Looked for new, yet unseen, physics phenomena.
- Used statistical tools to filter out 10 signal-like events from billions of background events.
- Set world leading mass limits on supersymmetric particles.
- Developed and provided methodology useful for whole collaboration in further particle searches.
- Experienced with working in large international collaborations (experiment at Fermilab & in Geneva, Switzerland) as well as carrying out own projects in smaller subgroups.

WEB & PHYSICS CONSULTANT, Fermilab, Office of Public Affairs, Batavia, IL, 09/98 - 09/99

- Developed and maintained Fermilab's central web pages.
Revitalized essential links & pages, tripled incoming traffic.
- Published highly popular article about relativistic effects.
- Initiated, designed, wrote and illustrated a popular system of web pages about light.

TEACHING ASSISTANT, Purdue University, Department of Physics, West Lafayette, IN, 08/95 - 12/96

- Taught physics sessions and problem solving skills. Wrote and graded quizzes.
- Was responsible for 3 out of 21 class sections.
 - Kept all 3 sections performing within top 4.
 - Was rated by students as the best TA.
- Worked for the physics department in physics and math help center for undergraduates.

AWARDS & FELLOWSHIPS

- George W. Tautfest Memorial Award, Purdue University, 2002
- Phi Beta Delta award for international education & achievements, 2001
- Purdue University Research Foundation Fellowship, 1998 - 1999
- Charles University Scholarship for highest GPA, 1990 - 1994

SPECIAL SKILLS

- Languages: Fluent in Hungarian, Slovak, Czech, Russian and English.
- Computers: Able to quickly adopt, adapt and use needed software.
- Leadership: Representative of Fermilab's Graduate Student Association, 1998
- Communication:
 - Was selected to be part of Fermilab's delegation to meet congressional staff, Washington D.C.
 - Organized & guided Fermilab tours for public. Gave popular physics lectures in US and Europe.
 - Helped international TV crews to prepare documentary about Fermilab and high-energy physics.
 - Was a physics consultant for the Czech TV and appeared in their documentary about particle physics.

PERSONAL

- Citizenship: Slovak Republic
- Activities: Playing soccer and volleyball, skiing, hiking, traveling and dancing.

REFERENCES

Prof. Virgil Barnes
Department of Physics, Purdue University, West Lafayette, IN, 47907
(765) 494 5199, barnes@physics.purdue.edu

Prof. Daniela Bortoletto
Department of Physics, Purdue University, West Lafayette, IN, 47907
(765) 494 5197, daniela@physics.purdue.edu

Dr. Stephan Lammel
Fermi National Accelerator Laboratory, MS 318, Batavia, IL, 60510-0500
(630) 840 8408, lammel@fnal.gov

Judy Jackson
Fermi National Accelerator Laboratory, Office of Public Affairs
Batavia, IL, 60510-0500
(630) 840 4112, jjackson@fnal.gov