

U.S. Department of Homeland Security
U.S. Citizenship and Immigration Services

RE: Dr. [REDACTED]

Dear Sir or Madam:

I am writing this letter to support Dr. [REDACTED] application for U.S. permanent residency under the category of Outstanding Researchers. I am providing this recommendation based on my expertise in the field of computer network and distributed systems.

I am the Associate Division Director of the Mathematics and Computer Science Division of the Argonne National Laboratory (ANL). I also hold a joint appointment as the Arthur Holly Compton Distinguished Service Professor in the Computer Science Department of the University of Chicago. I am a Fellow of the American Association for the Advancement of Science (2003), a Fellow of the British Computer Society (2002), and the recipient of the Gordon Bell Award (2001). I have served on the editorial board of the IEEE Transactions on Parallel and Distributed Systems, and have served as general chair, program chair or on the program committee for over 30 international conferences and workshops. I have authored or co-authored several books, including "The Grid: Blueprint for a New Computing Infrastructure" published by Morgan Kaufmann (2004), "Designing and Building Parallel Programs" published by Addison-Wesley (1995), and "Strand: New Concepts in Parallel Programming" published by Prentice Hall (1989). I have published over 200 papers in the field of distributed computing, computer networks and scientific computing.

I first met with [REDACTED] in a research workshop in 1998 when he was a Research Programmer at the National Center for Supercomputing Applications (NCSA). At NCSA, Dr. [REDACTED] developed a multicast monitoring system (called multicast beacon) that has been used in Argonne National Lab's Access Grid project for monitoring multicast network performance for video-conferencing over the Internet. I subsequently met him a few times in workshops and during his visit to the University of Chicago in 2004. I learned of his researches through our discussions, and I was very impressed by the originality and contribution of his work in mobile ad hoc networks, especially his proposal of an incentive scheme to enable packet forwarding that appeared in the 24th IEEE International Conference on Distributed Computing Systems (ICDCS 2004), and the location-guided multicast tree construction algorithms in ad hoc networks that

appeared in the Annual Joint Conference of the IEEE Computer and Communications Societies (INFOCOM 2002). These research results have the potential to substantially improve the efficiency and quality of network communications among mobile users.

Although still early in his career, Dr. [redacted] has an extensive list of publications in peer-reviewed international journals and international conferences, including the very selective ones such as the above-mentioned INFOCOM and ICDCS conferences. These conference proceedings and journals are highly respected and widely circulated in the international computer science research community. [redacted] work has been frequently cited and discussed by other researchers in the field. These factors substantiate the fact that Dr. [redacted] researches are recognized as original and outstanding in the research community. I would definitely rank him as in the top 5-10% among all the Ph.D. students in computer science graduated every year in the U.S. His employment in the U.S. is certainly a major contribution to the country.

Based the above, I believe that Dr. [redacted] has had original and outstanding contributions in the filed of mobile ad hoc networking, and his work has been recognized by other researchers in the international research community. Therefore, I strongly support his application for U.S. permanent residency under the Outstanding Researcher category.

Sincerely,



Dr. Ian Foster