



**FOR IMMEDIATE RELEASE**  
February 28, 2008

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## **Beet Street Science Café Focuses on Forward Motion**

In a continuing effort to bring interesting scientific information into a community forum, Beet Street is excited to present its third Science Café focusing on the physics and engineering of high-speed machinery on Wednesday, March 12 beginning at 6pm. Dr. David G. Alciatore will lead a discussion on *High Speed Video Magic (and maybe some billiards stuff)* at Lucky Joe's Sidewalk Saloon, 25 Old Town Square.

Alciatore is a Professional Engineer and an Associate Professor of Mechanical Engineering at Colorado State University. Dr. Alciatore, known as "Dr. Dave" by his students, has been at CSU for 17 years. Teaching is his passion, and he has been recognized for his efforts with many awards. He is author of a textbook dealing with mechatronics, a commercial software package for 3D visualization, an instructional book dealing with the physics of billiards, and numerous websites. He is also an instructional columnist for *Billiards Digest* magazine. His major research, consulting, and teaching interests include the physics and engineering of pool/billiards and bowling equipment; high-speed video motion analysis, modeling and simulation of dynamic systems, mechatronic system design, and engineering education technology. The monthly Cafés have been quite popular, and it is recommended to arrive by 5:30pm to order a snack and get a good seat.

Details on speakers, topics and location of future Science Cafés will be posted on the web, <http://www.beetstreet.org/en/Science-Cafe.html>.

Held on the second Wednesday of each month, Science Café Fort Collins hosts expert scientists from a diverse range of disciplines who make a short presentation followed by questions, answers and lively discussion among those in attendance. Science Cafés are free and open to the public.

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The Science Café concept originated in English pubs in Leeds, U.K. in 1988. Since then, over 160 cafes, including the latest one in Fort Collins, have emerged around the world, stimulating dialog and aha-moments as people connect science to their everyday world. Other Science Cafes in Colorado are held regularly in Denver, Boulder, and Colorado Springs.

Beet Street ([www.beetstreet.org](http://www.beetstreet.org)) is an economic development initiative created by the Fort Collins Downtown Development Authority in 2007 to distinguish Old Town Fort Collins as cultural destination that fosters, celebrates, and inspires human creativity through diverse cultural experiences and programming. Beet Street will create a collaborative learning community in Fort Collins, Colorado, where everyone of every age is welcome to share in discussion, reflection, and creative expression.

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### **Full Bio for Dr. David G. Alciatore**

Dr. David G. Alciatore is a Professional Engineer and an Associate Professor of Mechanical Engineering at Colorado State University (CSU), where he has been since 1991. Dr. Dave, as his students know him, is a dedicated teacher and has received numerous awards for his contributions. His major research, consulting, and teaching interests include the physics and engineering of pool/billiards and bowling equipment; high-speed video motion analysis, modeling and simulation of dynamic systems, mechatronic system design, and engineering education technology. He is co-author of the textbook “Introduction to Mechatronics and Measurement Systems” (2001, 2004, 2007) creator of the commercial software package VP-Sculpt (1999-2004), and author of the book “The Illustrated Principles of Pool and Billiards” (2004) and the DVD “High-speed Video Magic” (2007). Dr. Alciatore has a PhD (1990) and an MS (1987) in Mechanical Engineering from the University of Texas at Austin, and a BS (1986) in Mechanical Engineering from the University of New Orleans. He has been an active member of the American Society of Mechanical Engineers (ASME) since 1984 and has served on many ASME committees, boards, and task forces.