

CoProD'08 is scheduled back-to-back with a large bi-annual international conference, [SCAN'2008](#), on Scientific Computing, Computer Arithmetic and Verified Numerical Computations (El Paso, 09/29-10/03/2008).

Friday October 3, 2008

12:00: Lunch

12:15: Welcome:

Dean Richard Schoephoerster

David Novick (Chair of Computer Science, UTEP)

Martine Ceberio (Computer Science, UTEP)

12:45: Keynote Speech:

Dr. Lenore Mullin (Program Director for Theoretical

Foundations in Numeric, Symbolic and Algebraic Computing
and Optimizations)

1:30: Talks

Michel Rueher (University of Nice Sophia-Antipolis, France)

Gilles Trombettoni (University of Nice Sophia-Antipolis, France)

Soheil Nazarian (Civil Engineering, UTEP)

Roberto Araiza (Computer Science, UTEP)

3:30: Coffee break

3:50: Talks

Francois Modave (Computer Science, UTEP)

Frederic Goualard (University of Nantes, France)

Michel Rueher (University of Nice Sophia-Antipolis, France)

5:20: Coffee break

5:40: Round table

6:30: End of the day

Saturday October 4, 2008

8:00: Breakfast

8:30: Talks

R. Baker Kearfott (University of Louisiana at Lafayette)

Martine Ceberio (Computer Science, UTEP)

Vladik Kreinovich (Computer Science, UTEP)

Heidi Taboada (Industrial Engineering, UTEP)

10:30: Coffee break

10:50: Talks

Yuanlin Zhang (Texas Tech University at Lubbock)

Enrico Pontelli (New Mexico State University)

Leticia Velasquez (Math, UTEP)

12:20: Concluding remarks:

David Novick (Chair of CS, UTEP)

Martine Ceberio (CS, UTEP)

12:40: Evaluation of the workshop

1:20: End of the workshop

The sessions will consist of a good balance of algorithms, emphasizing the potential of combining numeric and symbolic approaches, and applications, showing the success of such combinations. In each of the two sessions, the first part will be on constraint solving and decision making algorithms, and the second part on applications.

The schedule of the workshop is designed in such a way that researchers have plenty of time for interaction outside the talks. In particular, at the end of the first afternoon, we will have a round table that allowing researchers to exchange ideas about their need for decision techniques and for applications. The discussion will be oriented towards combining numeric and symbolic algorithms for constraint

solving and decision making, and their potential use for applications.

Each talk will be 30-minute long, with 25 minutes for the presentation itself and 5 minutes for questions.