



October 2014 Presentation Tony Barr, creator of SAS

Our October presentation and dinner meeting will feature Gainesville programming legend and AITP-NCFL Chapter member Tony Barr speaking on the topic "A Model of Reality".



"Everyone realizes that we are entering into a new world of understanding and knowledge. Linguist Noam Chomsky alluded to a "Universal Grammar" that is the foundation of all natural language, and the Microsoft Dot Net Foundation has put a universal Type / Object model under all the language it supports.

What if you could take this unification to the ultimate level?

It is my belief that a better model for knowledge representation is to use pictures to represent types, objects, and functions. The unification of set theory, functions, and the type/object model is a minimalistic formalism that is sufficient for both type and object representation. It can be

shown to be one to one with the structure of languages such as C# and Pascal.

Bacchus received a Turing Award for his part in inventing the BNF meta language for describing grammars of languages. His acceptance speech was 'The Programmer as Navigator'.

I believe this view can be brought to ordinary people. We will be able to navigate through all knowledge using a new paradigm for knowledge representation that I call 'A Model of Reality'.

It is my belief that a better model for knowledge representation is to use pictures to represent types, objects, and functions.

We will bring this immersive experience to ordinary users who will see pictures representing context, types, programs, and objects. The browser will put a user into the 'picture'. Ordinary people will experience a 'TRON'-like immersive experience of walking into computer programs and objects."

About Tony Barr

Tony Barr is an programming language designer, software engineer, and inventor. Among his notable contributions are the Statistical Analysis System (SAS), automated lumber yield optimization, the Automated Classification of Medical Entities (ACME), the first non-IBM linking loader for the IBM/360, the first non-IBM HASP IBM workstation simulators, and the Formatted File System (FFS).

Tony is also the founder of Barr Systems here in Gainesville, a successful company dedicated to reducing the costs of information delivery for its clients.

Meeting Information

Date

Tuesday, October 28, 2014

Location

Meeting room near Albert's in the UF Hilton, 1714 SW 34th Street, Gainesville, FL

Times (all PM)

Registration: 5:10 - 5:45

Dinner: 5:45 - 6:45

Presentation: 7:00 - 7:45

Cost

Presentations are no charge for Chapter members; \$5 for guests (cash or checks only please).

RSVP

Reservations help us obtain a meeting area with adequate seating and staffing. To RSVP, please send an email to:

reserve@aitp-ncfl.org

About AITP

Find more information about AITP at the National Web site, aitp.org

Or learn more about your local chapter, now in its 44th year, at the Chapter Web site, aitp-ncfl.org