

# Center for Cognitive Science

University at Buffalo, State University of New York

**Wednesday, February 9, 2005**

280 Park Hall  
North Campus  
2:00 pm –4:00 pm

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## **“Building a Virtual Person (E) from the “Dark Side”**

We describe our general approach to building what we call advanced synthetic characters (or \*bona fide\* virtual persons), within the paradigm of logic-based AI. This approach, based on our RASCALS architecture, seeks to use a cognitive architecture for “mid-level” cognition, and advanced logical systems for more advanced reasoning-intensive thought. To focus our general approach, we provide a glimpse of our attempt to bring to life one particular advanced synthetic character from the “dark side” --- the character known simply as E (for, as you may have guessed, evil). Building E entails, among other things, that we formulate an underlying logico-mathematical definition of evil, and that we manage to engineer as well an appropriate presentation of E.

At the presentation level, we use an approach based in manipulating facial musculature.

Refreshments will be available  
Open to the public!

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