



## **YCCSA Seminar Series Summer 2015**

### **Programs as Polypeptides**

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#### **Abstract:**

We describe an expressive visual programming language for defining behaviors manifested by reified actors in a 2D virtual world that can be compiled into programs comprised of sequences of combinators that are themselves reified as actors. This permits programs to build programs from a small fixed set of components delivered by diffusion using processes that resemble chemistry as much as computation.