“[Re]presenting *Duet for One Pianist*: a data-driven approach for digital archiving of semantic musical score data”.

One of France’s most pre-eminent and influential composers of computer music, Jean-Claude Risset, has been a frequent visitor and collaborator with generations of Stanford faculty and students stretching back to his groundbreaking work at Bell Labs in the 1960s with Stanford emeritus professor Max Mathews. In the 1980s, Risset created the composition *Duet for One Pianist*, for live pianist and computer-driven piano. The algorithms Risset programmed for the work analyze the pianist’s performance in real-time and generate an accompaniment played by the Yamaha Disklavier. While the human performer’s musical score is traditionally notated, due to the complexity of the algorithms, a traditionally notated musical score for the computer-generated part never was.

With the support of the France-Stanford Center’s Visiting Student Researcher Fellowship, I will be making a complete and detailed set of audio and data recordings of Risset’s entire *Duet for One Pianist*. Working in Marseille, Risset and I will complete an analysis of the data generated by his software and finalize an archival reference score for this seminal work in the field of Computer Music.