



STORAGE VISIONS® 2015

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AN ENTERTAINMENT STORAGE ALLIANCE™ EVENT



Yahya Mirza, CEO/CTO, Aclectic Systems Inc.

BIOGRAPHY

Yahya H. Mirza is the founder of Aclectic Systems Inc., a start-up company developing a custom hardware / software integrated server compute appliance initially targeted to the simulation and rendering of feature film visual effects.

Yahya's original background was aeronautical engineering (hypersonic aircraft design / scramjet propulsion) and was initially employed by Battelle Research Labs. In 1989 while at NASA Ames, Yahya worked with the NAS Applied CFD Group and the Vehicle Analysis Branch to simulate the hypersonic aerodynamics of a 3D Waverider based aircraft configuration on a Cray YMP. This experience brought him to the realization that there was a need for integrated tools that enabled creative exploration utilizing a combination of procedural synthesis techniques, domain specific languages, multi-physics simulation and interactive 3D visualization.

To realize his vision, Yahya formed his first start-up company in 1991. In 1993, Yahya initiated a cooperative research and development agreement with Wright Patterson Air Force Base. Subsequently, Yahya spent three years as a visiting researcher in the UIUC Smalltalk Research Group. Through his follow on start-up companies, Yahya worked as a Technical Director supporting Artists using procedural synthesis, on real-time game engine projects on the Playstation2 / Playstation3, and on system software / parallel computing projects for Spatial Technologies, Microsoft, CatDaddy Games, Source Dynamics, Pixar Animation Studios, Massive Software, Small Machines Inc. and Xilinx.