How can we cultivate and nurture today’s disengaged learners so that they become more creative and computationally capable? How can we help them to prosper in the high-tech global economy, able to manage complex communication and large-scale projects that are collaborative and computational? “We cannot wait for higher education or special professional training to do this,” asserts our speaker. “We must start young!” Using a groundbreaking new learning network called Globaloria, the World Wide Workshop Foundation has demonstrated that practicing the making of games and simulations, within a virtual design studio embedded in a social learning system, can help students develop sophisticated contemporary learning abilities.