

Dr. Joseph Chiodo, Designer and Inventor, Active Disassembly, conducts R&D in eco-design, designing for circular economy systems, product disassembly and dematerialization. He will soon be Head of Product Innovation, Corporate and Social Responsibility at a therapeutic and pharmaceutical company and is writing a series of illustrated reference guidelines for circular economy and eco-design manuals. Throughout his career, he has led cross-continental R&D consortia, and advised numerous academic institutions, companies, and governments including Motorola, Nokia, Sony, Mitsubishi, the EU Commission, the UK Department of Trade and Industry. His work includes numerous patents, technology, and applied science and product inventions. Dr. Joseph Chiodo invented 'Active Disassembly' (AD), which employs conventional and smart materials in the design of releasable fasteners and actuators to aid the non-destructive dismantling and selective disassembly of component and product reuse. This process retains the added value of products and their products, fostering upcycling. His work has been published widely, and Dr. Chiodo continues to be the recipient of numerous awards for these achievements. Through his website, he has authored some of the world's most downloaded 'Design for' strategy documents.