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Carlo Canetta is a graduate research assistant working in the lab of Professor Arvind Narayanaswamy in the Mechanical Engineering Department at Columbia University. He is completing his Ph.D. studies in mechanical engineering (expected Spring 2014). He received his MS degree in mechanical engineering from Columbia University (2009) and a BA/BS dual degree in mathematics and mechanical engineering, also from Columbia (2007). His research is focused on experimental investigation of nanoscale heat transfer. Carlo designs and fabricates bi-material microcantilever sensors optimized for thermal sensing, and is developing new thermal measurement techniques using these sensors.