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Full-Pulse Particle-in-Cell Simulations of Hot-Electron Generation in OMEGA Experiments[1] ELI BORWICK, JUN LI, CHUANG REN, RUI YAN, University of Rochester, SUXING HU, Laboratory for Laser Energetics, LABORATORY FOR LASER ENERGETICS COLLABORATION — Using data from the *LILAC* hydrocode in conjunction with the particle-in-cell code *OSIRIS*, we now perform several simulations sampling a 1-ns pulse to determine the evolution of hot-electron generation as well as electron divergence during the pulse. The results will be compared with the OMEGA experiments that measured hot-electron generation and divergence.[2]

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[2]B. Yaakobi *et al.*, Phys. Plasmas **20**, 092706 (2013).

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