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SEMINAR ANNOUNCEMENT

“A romp through the propagation of ultra short laser in plasma”

Dr. Abdelrahman Mahdy

Department of Physics, Jazan University, Saudi Arabia

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The birth of the Chirped Pulse Amplification (CPA) technique in 1985 has not only led to innovative developments of high-intensity ultra-short laser facilities in several worldwide research labs, but also it has dramatically developed related theories of ultra-short laser beam propagation in optical media. In the present talk, I will revise the theory of ultra short laser propagation in plasma after the CPA technology becomes functional, I will first outline the physical processes associated with this propagation, and then I will offer particular concern for the classification of these processes in term of the new laser configurations and the interacting plasma media properties.