

An Introduction to Tesla coils

Free IOP talk

Derek Woodroffe

7.00 pm Wednesday 13th February 2019

Free tea, coffee and biscuits from 6:30pm

University of Leeds, Michael Sadler Building, Rupert Beckett Lecture Theatre



A general talk on Tesla coils, from the original spark gap tesla coils that would be recognised by Nicola Tesla, to modern day computer controlled electronic tesla coils. Briefly discussing the various types of tesla coil, their history, use, construction and design challenges with demonstrations. Derek Woodroffe has been building tesla coils as a hobby for over 20 years. He has constructed over 30 different tesla coils from 30 mm to over 1 m tall of many different types. He runs both the Nottingham Gaussfest and Cambridge Tesla coiler meet-ups and has worked a number of times on TV to assist with tesla coil and high voltage demonstrations to programs such as the Royal Institute Christmas Lectures and Dara'O Breins Science club.

Warning: Can attendees with Pacemakers or Cochlear implants please contact the organisers before the start of the talk. (They need to sit at least 5 rows away from the front.) Electric Wheelchairs must be turned off during the talk.



Scan QR code with phone

Multi-storey car park at the University of Leeds is open to the general public after 5pm.

Up to two hours costs £2. <http://carparking.leeds.ac.uk/directions-to-campus/>