Suggested topics for the course project/presentation

(1) CCD cameras
(2) Van de-Graaff generator
(3) Use of electrostatics in copy-machines
(4) Saint Elmo’s light and electrical discharges in high-voltage electrical lines
(5) Storms and clouds as huge generators of static electricity
(6) Electrical storms in the earth startosphere and radio-statics
(7) Hydrogen atom: centrifugal forces against electrical attraction
(8) Charged particles in a solar wind
(9) Is our planet electrically charged? the same about Moon?
(10) The Earth as a huge magnetic dipole and the Earth magneto-dynamo
(11) The story of a (non-existing?) magnetic monopole
(12) Electrical forces in the hierarchy of other forces (gravitational, nuclear, etc.)
(13) Coulomb’s explosion in nano-clusters and electrical shock-waves