

高分子奈米複合材料研究室



Chang-Mou Wu

Professor

Dept. of Materials Sci. and Eng.

Tel: +886-2-2737-6530

E-mail:

cmwu@mail.ntust.edu.tw

Education:

Dr. of Eng., National Sun Yat-Sen University

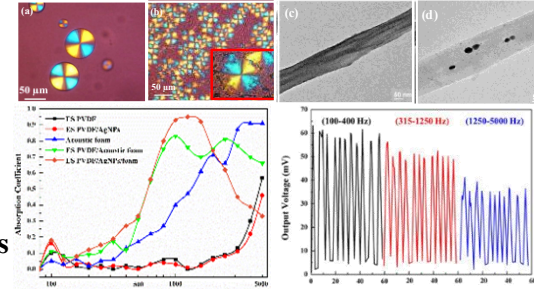
Lectures:

- Fiber materials and process
- Fiber Physics
- Special Topics on Fibrous Composites
- Introduction to Polymer Materials

- **Functional Nanofibers**
- **Organic/Inorganic Nanocomposites**

- **Bicomponent melt spinning**
- **Melt blown non-woven**
- **Electrospinning**
- **Giosensor**
- **Pyroelectric/Piezoelectric/Triboelectric energy harvesting element**
- **Photothermal conversion materials and Photocatalyst**

- **Green/Smart Composite Materials**
- **Self-reinforced composites**
- **Green composites**
- **Shape memory composites**
- **Self-healing composites**



Sample	F(β) (%)	d_{33} (pC/N)
Unstretched PVDF film	14	10.5
Stretched PVDF film	52	11.7
ES PVDF	79	15.2
ES PVDF/Gp	76	19.2
ES PVDF/CNT	70	18.8
ES PVDF/AgNPs	94	27.1

