Materials Forming and Control Engineering

TING GUO　虢婷

E-mail: guoting27@chd.edu.cn

Research area or direction

1.Advanced structural films;

2.Deformation mechanisms;

3.Corrosion resistance; Tribological property.

Hongyao Jia　贾宏耀

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Research area or direction

1.Dielectric material; ferroelectric materials; oxide semiconductor;

2.high temperature conductivity ceramics;

3.ceramic coatings; resin-based coatings;

4.thermal conductive materials.

Hongwei Li　李红伟

E-mail: lhw@chd.edu.cn

Research area or direction

Focus on the following research, two-dimensional patterning of the surface of bulk, granular and other morphological materials and the design and preparation of ultra-thin coatings, advanced preparation technology of high thermal conductivity ceramic-based and metal-based composites and engineering development and application.

Materials Forming and Control Engineering

Shenglin Liu　刘胜林

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Research area or direction

1. Development of anti-corrosion technology for steel surface;
2. Material surface friction and wear;
3. Nanocomposites;
4. High performance sensor;
5. Fatigue-corrosion life assessment of steel structures;
6. Development of new energy materials;
7. Material database development;
8. Development of organic-inorganic hybrid materials.

Nan Wang　王楠

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Research area or direction

1.Mechanical properties of materials;

2.Deformation mechanism;

3. Strain-damage behavior.

Yazhe XING　邢亚哲

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Research area or direction

Material Processing Engineering

Polymer Materials and Engineering

Lei WU　吴蕾

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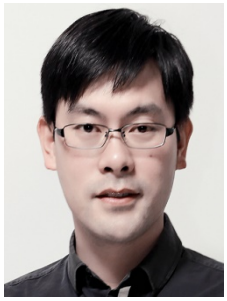
Research area or direction

1.Metal organic frameworks (MOFs) materials;

2.Functional traffic materials.



XU Peijun　许培俊

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Research area or direction

1.Thermosetting resin,

2.Polymer Composite,

3.Nano materials,

4.Paving Materials.

New Energy Materials and Devices

Xiaobing Bao 鲍晓冰

E-mail: xb_bao@chd.edu.cn

Research area or direction

Dr. Bao has been engaged in electrocatalysis and energy electrochemistry research, focusing on transition metal-based catalysts active site structure regulation and stabilization of active sites construction as well as theoretical modeling analysis.