

Invisibility cloaks at Birmingham

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Metamaterials Research Centre

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A new Research Centre in the nascent area of "metamaterials" is now being formed in Physics at Birmingham.



Metamaterials are materials with exotic optical properties (e.g. negative refractive indices). Proposals for the use of the materials are "invisibility cloaks" to shroud objects and lenses which can image arbitrarily small objects (unlike normal lenses which are limited to see things larger than the wavelength of light).

The first new member of staff, **Dr Shuang Zhang** (</staff/profiles/physics/zhang-shuang.aspx>), has just arrived from the University of California at Berkeley. There will be three more staff appointed and the University is providing £1.5M pounds to start the research.

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