



Implementation

- FTIR tabletop
- Antari Z800II fog machine
- Benq PB7210 projector
- Leap
- Kinect

The **University of Bristol** shows off a computer display from a curtain of mist and users can reach through fog screens to move images around with their hands.

The **MisTable** invention includes a conventional interactive table with personal screens made using fog, Kinect and a Leap Motion Controller.

Professor Sriram Subramanian and Dr Diego Martinez Plasencia from the University of Bristol's Department of Computer Science claim **the invention could change the way people interact and collaborate in the future**.

"These personal screens are both see-through and reach-through. The see-through feature provides direct line of sight of the personal screen and the elements behind it on the tabletop," the university says. "The reach-through feature allows the user to switch from interacting with the personal screen to reaching through it to interact with the tabletop or the space above it."

The personal screen allows a range of customisations and novel interactions such as presenting personal 2D content on the screen, 3D content above the tabletop, or supplementing and renewing actual objects differently for each user.

Made of Mist: Computer Displays

Written by Bob Snyder

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"MisTable broadens the potential of conventional tables in many novel and unique ways. The personal screen provides direct line of sight and access to the different interaction spaces," said Subramanian.

"Users can be aware of each other's actions and can easily switch between interacting with the personal screen to the tabletop surface or the interaction section. This allows users to break in or out of shared tasks and switch between 'individual' and 'group' work."

Watch [The MisTable Video](#)