The Cherenkov Telescope Array (CTA)

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IceCube Master Class
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Imaging Air Cherenkov Telescopes
IACTs Complement HAWC

• HAWC scans the sky
• IACTs (like CTA) point at a source
Current Generation of IACTs
The Cherenkov Telescope Array

• An array of dozens of telescopes
• Different sizes for different energies
A New Telescope Design

Davies-Cotton

Schwarzschild-Couder
CTA is International
Summary

• The Cherenkov Telescope Array is the next generation Imaging Air Cherenkov Telescope

• Prototype coming soon to a desert near you!