



### How to take a “picture” of a black hole

You’ve probably seen the picture: a ring-like structure with a dark central region. It’s the first ever picture taken of a black hole.

Except “picture” probably isn’t the best word to use.

We see celestial objects like stars and meteors, and can take pictures of them, because the light that they emit travels all the way down to our telescopes, eyeballs and cameras.

Black holes don’t emit light. The gravity in a black hole is so strong that not even light can escape.

So how did scientists create this now-famous image? As you’ll see in our most recent blog, it involved very-long-baseline interferometry (VLBI), which synchronizes multiple telescopes and exploits the rotation of the planet to mimic the power of one Earth-size telescope.

That and other far out stuff below.

- [How to take a “picture” of a black hole](#)

#### About IRD Glass

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IRD Glass is the leading manufacturer of precision glass tubes that are essential in ultra-precision altimeter and airspeed indicators in aerospace applications, fuel efficiency sensors in automotive applications and in many cutting-edge sensor devices.

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#### Rick Fischer



IRD would like to welcome Rick Fischer as our newest Manufacturing Engineer working alongside our Pressure Transducer (PX) and Gyro cells.

Rick comes with lots of knowledgeable and experience in Medical Laser cutting/welding from Vitaldyne and several years from HTI Manufacturing. He loves to dive into machines, wanting to know how things tick, move and interact — and more importantly to a continuous-improvement-focused company like IRD, why those same machines aren’t behaving like they ought to.

Being happily married for 26 years, Rick and his wife Jean are raising their two beautiful daughters in the small town of Litchfield.

Being a master home carpenter, Rick has become active in the community theatre, building and designing stage sets for each show performed the past several years. Rick has also found himself making a few treasured pieces for close friends and family, with oak being his first choice to create his masterpieces.

Please take time for a short meet and greet with Rick when you stop in.

As I handed my dad his 50th birthday card, he looked at me with tears in his eyes and said, “Y’know, one would have been enough.”

If you’re ever thinking about getting married, consider the following before you make up your mind: On the one hand, you get to wear a pretty cool ring. On the other hand, you don’t.

If you aren’t impressed with the first picture of a black hole, you clearly don’t understand the gravity of the situation.

A new restaurant called Karma opened up downtown. There’s no menu. You get what you deserve.

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