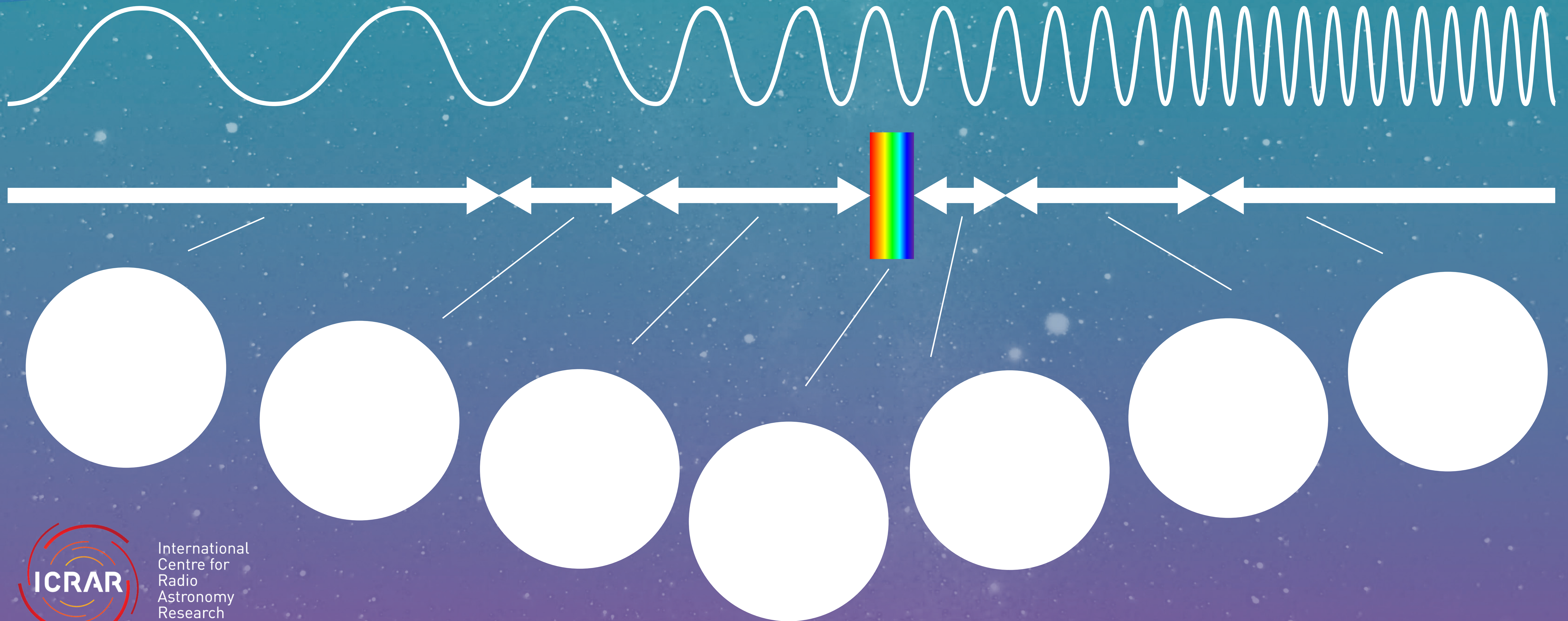


THE ELECTROMAGNETIC SPECTRUM

The electromagnetic spectrum is also called the light spectrum, it includes light that we can't see with our eyes. In astronomy we can collect these different types of light to learn more about the Universe



International
Centre for
Radio
Astronomy
Research

Explore more of the electromagnetic spectrum at spectrum.icrar.org

X-RAY



X-rays are used by doctors to see bones and organs through skin.

GAMMA RAY



Gamma rays are sometimes produced when lightning strikes.

VISIBLE



A rainbow shows us all the colours of visible light arranged in order of wavelength.

RADIO WAVES



Your car's stereo turns radio waves into sound so you can listen to your favourite music.

MICROWAVES



Microwaves are produced inside a microwave oven to cook your food.

INFRARED



Remote controls use infrared light (IR) to send signals to your TV, stereo or laptop when you press the buttons.

ULTRAVIOLET



We use sunscreen to protect our skin from the ultraviolet (UV) light emitted by the Sun.