Earthquake Light.

CREDO Inauguration Meeting

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Earthquake Light

- An earthquake light is an unusual luminous aerial phenomenon that reportedly appears in the sky at or near areas of tectonic stress or seismic activity.

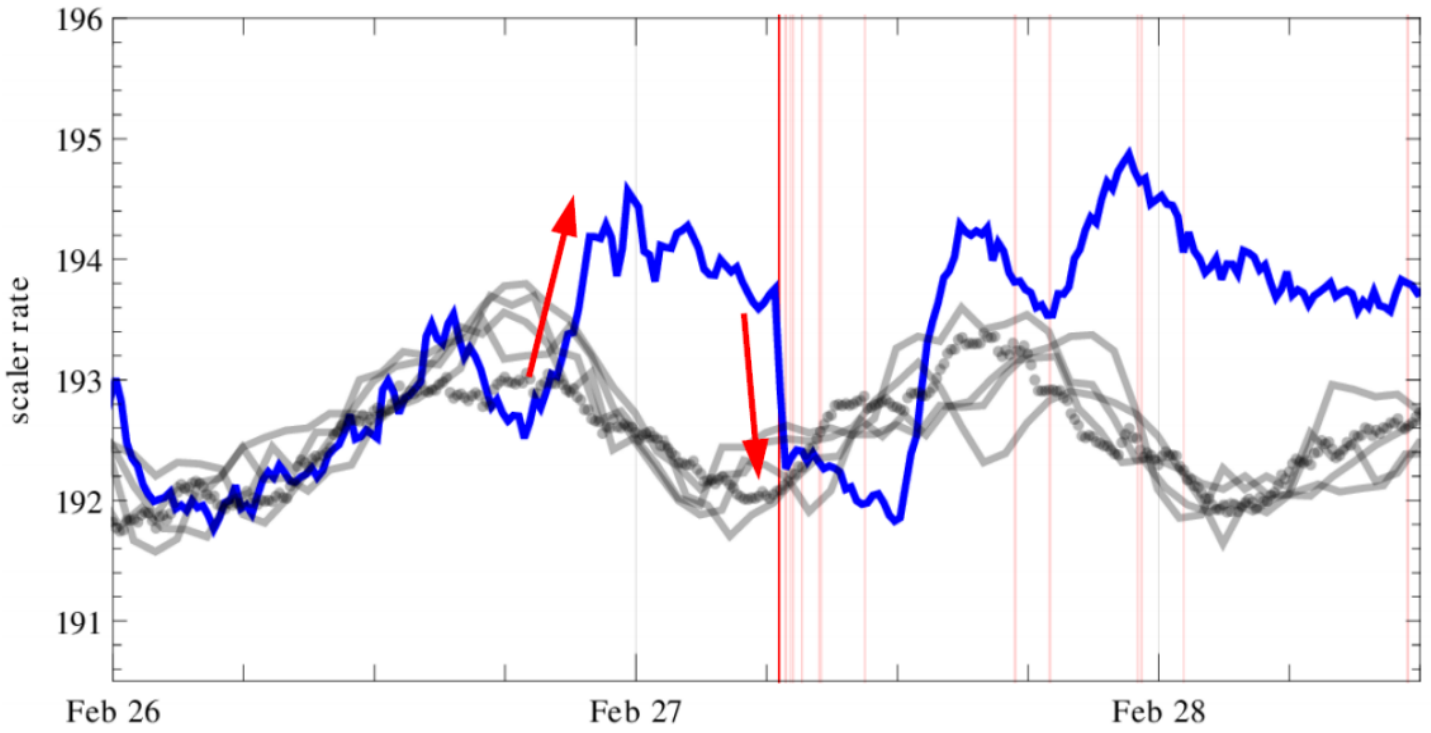
1. 461-459 B.C, Rome.
2. Anaxagoras, around 450 B.C., Greece.
3. 13 August 1868, Arica, Chile, Magnitude 9.
4. 13 January 1906, coast of Ecuador, Magnitude 8.8.
5. May 1960, Valdivia, Chile, Magnitude 9.5.
6. 27 February 2010, Bio-Bio, Chile, Magnitude 8.8.

Earthquake Light

- Jorge Heraud of the Pontifical Catholic University of Peru in Lima reported that his team has detected magnetic pulses more than 2 weeks before recent earthquakes near Lima, using a pair of ground-based magnetometers designed specifically to look for earthquake precursors.
- SAFE, Swarm For Earthquake study, is a project coordinated by the Instituto Nazionale di Geofisica e Vulcanologia (INGV) and funded by the European Space Agency (ESA), to investigate, by means of data collected from satellites and from ground-based instruments, the phase preceding the great earthquakes with the aim to identify any electromagnetic signal from space.
- QCCThe Quake-Catcher Network is a joint collaborative initiative run by Stanford University and UC Riverside that aims to use computer-based accelerometers to detect earthquakes.

Earthquake Light

PAO sees earthquakes



- Increase of CR before the earthquake
- Strong drop during the earthquake

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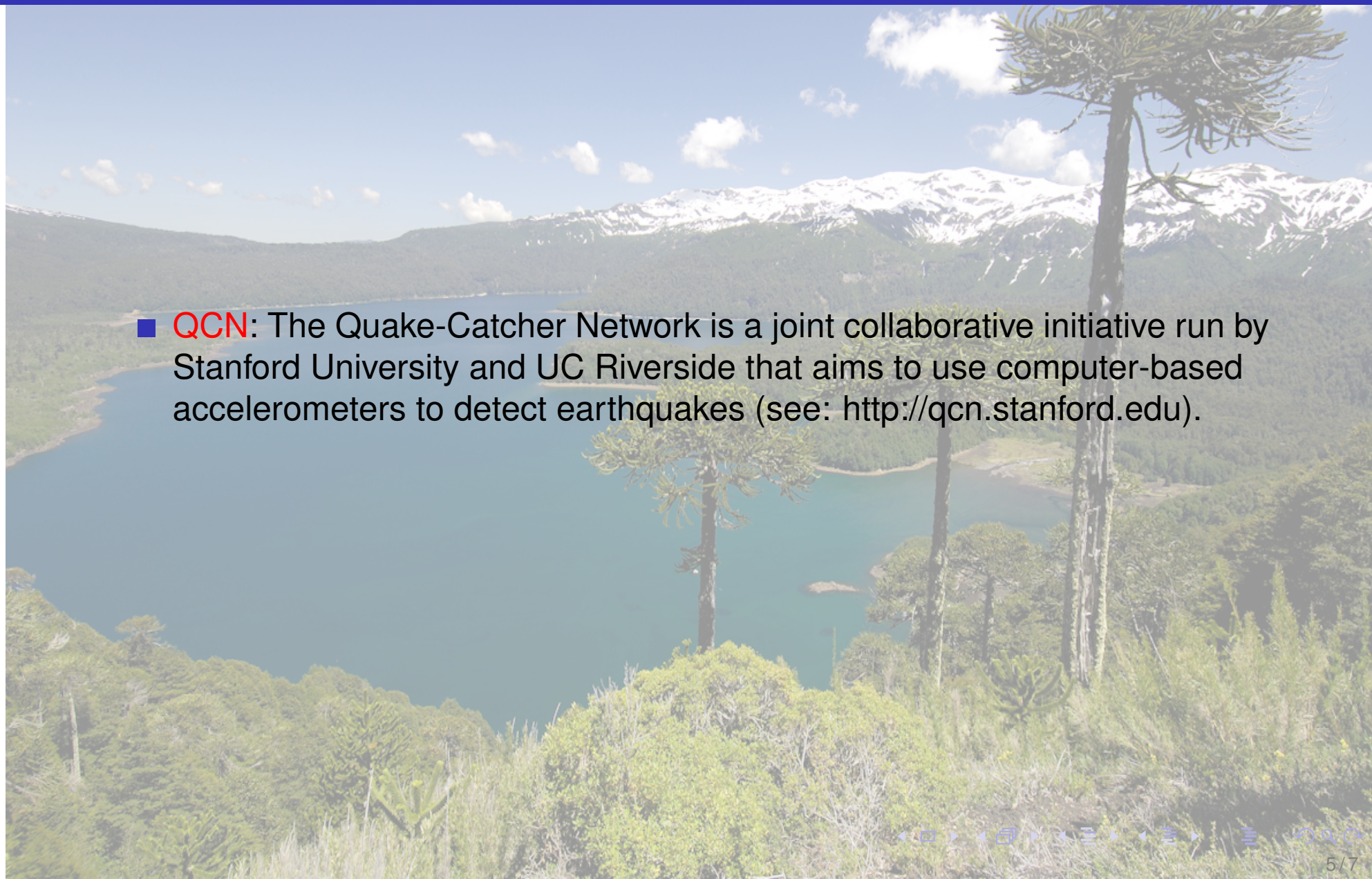
The Quake-Catcher Network



- QCN: The Quake-Catcher Network is a joint collaborative initiative run by Stanford University and UC Riverside that aims to use computer-based accelerometers to detect earthquakes (see: http://qcn.stanford.edu).


THANK YOU

References I