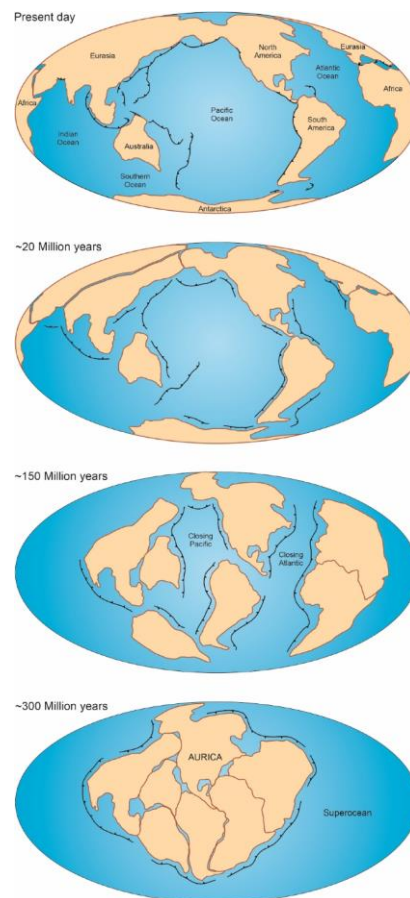


## Encontros do IDL

### The future of Earth's oceans

Thursday 27<sup>th</sup> October 13:00 - IDL Library, room 1.1.36

João Duarte – IDL, FCUL and Monash University



#### Consequences of subduction initiation in the Atlantic and implications for supercontinent formation

Alfred Wegener was the first to propose that all continents were once gathered in one colossal supercontinent, **Pangaea**. One major quest today is **how will the next supercontinent form? Will the Atlantic close to reunite Pangaea? Will the Pacific continue to close?** Here, we review some of the main proposed scenarios for the tectonic evolution of Earth and explore a completely **new scenario** in which the **Atlantic and the Pacific close simultaneously** to form a **new supercontinent** named **Aurica**.

*Organização: Instituto Dom Luiz (IDL)*