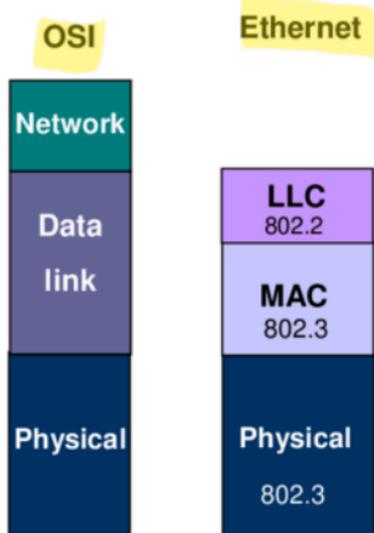


- Ethernet was developed by the IEEE 802.3 Working Group in the IEEE 802 Standard Committee, which is responsible for the development of local and metropolitan area network standards.



MAC: Medium Access Control
 LLC: Logical Link Control

- Ethernet includes the physical layer and the data link layer of the OSI model. The data link layer includes the MAC (*Media Access Control*) and LLC.
- The LLC (*Logical Link Control*) sub-layer is responsible for the flow and error control between the nodes.
- The MAC sub-layer is responsible for the media access control, addressing, error detection, frame delimitation, by organizing the bit sequences into frames.
- The physical layer deals with the bit transmission and reception, with the electrical, optical and mechanical properties of the interfaces, with the type of connectors used, etc.