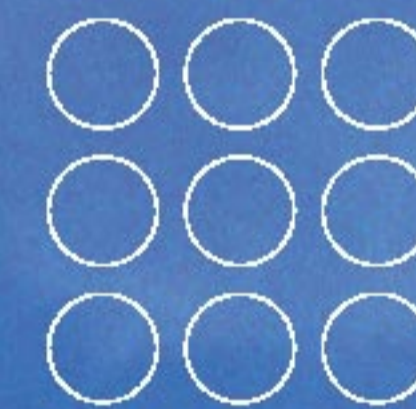


computer technologies for agriculture



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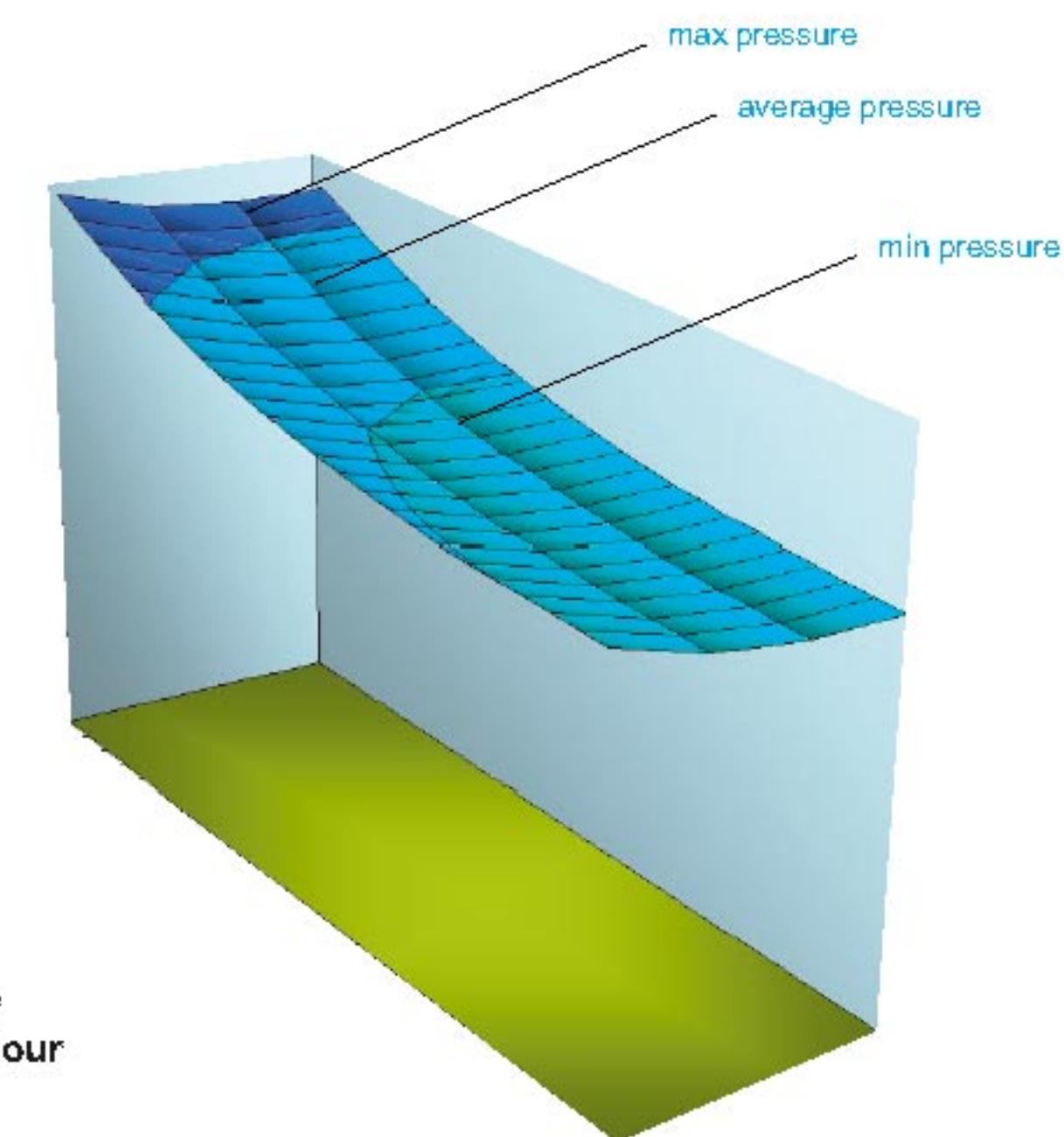
The enterprise

Irriworke's enterprise born by initiative of research centre working near University of Palermo. The objective is to develop innovative instruments and service for hydraulic and agriculture. In particular the enterprise wants to support the spread of efficient technics of precision irrigation, able to effectively help the developing of sustainable agriculture. The enterprise is settled inside the Arca incubator at campus of Palermo, in a dynamic environment and placed to direct contact with research laboratories.

The product

Our software, result of 10 years of research and experience in irrigation field, today it becomes a powerful and reliable tool to design irrigation plants, both drip and sprinkler system. Un application with top level performances and very great facility use which will be able to bring you to design and to full documentation of your plant in very short time. Drawings, thematic mappings, calculation relations, computation of amounts and costs of some elements will be ready in few and reliable steps.

Irriworke takes on sale for first time a system able to exactly know the behaviour of a irrigation plant. The algorithm which it is based on is very fulfilling and it follows rigorous scientific requirements. The software gives a complete solution for designers, agronomists, specialists in plants, irrigation material manufacturers and end users.



Piezometric sky diagram of irrigation network

Technologies for agriculture

The application shows a intuitive and flexible user interface. A CAD window allows to graphically develop the plant through the insertion of nodes and pipes. The use of graphic library in Java allows to make use of software in distributed architecture, by making its implementation possible in terms of accessible service via Internet. The database of emitters existing on sale allows to choose the real elements of the plant with their true technique features during the designing.