

**The
intelligence
of plants**

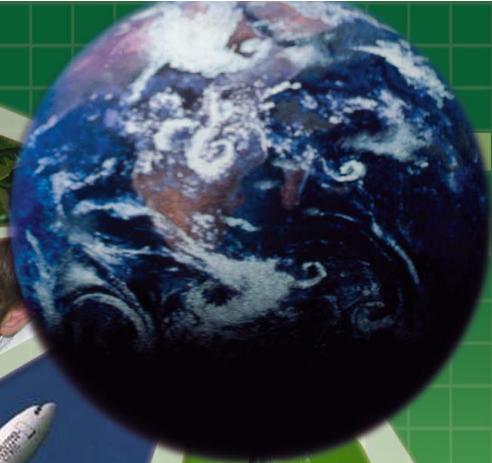
*A sensational
discovery that
will change
the way we look
at our planet
for ever!*

A documentary of 52 minutes
by **FABIO TONCELLI**
& **FRANCESCO TANZI**



Produced by
sd cinematografica

The intelligence of plants



We have always searched for new forms of intelligent life in the universe, prompted by the hope of discovering that we are not alone in the apparently infinite time and space of the cosmos. But are we sure that if this long-awaited encounter ever occurs, we humans will be able to recognise an intelligent life form? In other words, the fundamental and rather ironic question is: do we really understand what intelligence is?

For the first time, this documentary tells the story of the extraordinary scientific research project that could revolutionise the way we look at the world around us. Perhaps we don't need to explore the far reaches of the galaxy to discover other forms of intelligent life. These forms are here under our very eyes, growing silently everywhere, even in our own homes. These "aliens" live in a kind of parallel world. And you know what the most embarrassing part is? They've been here for quite a while, several millions of years before us! So, what do you think: do you want to meet the aliens? Do

you want to cross the threshold that separates us from this mysterious dimension?

Ultra-modern microchips capable of revealing the tiniest electrical signals within roots in search of the electroencephalogram of a plant; Spectacular high altitude parabolic flights on a giant European Space Agency Airbus to study the how plants react to a lack of gravity.

The first moments in the life of a cybernetic "plantoid", an ingenious robot plant designed to colonise space;

The very latest electron microscope used in a "Fantastic Journey" to follow the exchange of chemical substances within plant cells;

The administration of substances active at the human neuron level to test similar reactions in plants;

The proof that plants can do two things that we believed only animals were capable of: remember and rest.

All this, and more, is part of an extraordinary scientific adventure that starts in a laboratory in the University of Florence, in Italy, and in Bonn in Germany; the search for the final proof that the plant world contains intelligence. In other words: "the discovery of plant brains".

This documentary tells the story of this extraordinary discovery, one that forces us to completely rethink the way we look at the biosphere and the very concept of intelligence.

RUNNING TIME _____ 52 minutes
FORMAT _____ 16:9 HD

Produced by:

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