

Starlab Neuroscience

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H2020 FET project

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03/17/2016

Starlab – a brief introduction

A private R&D company based
in Barcelona (since 2000)

Transforming **Science** into
Technologies

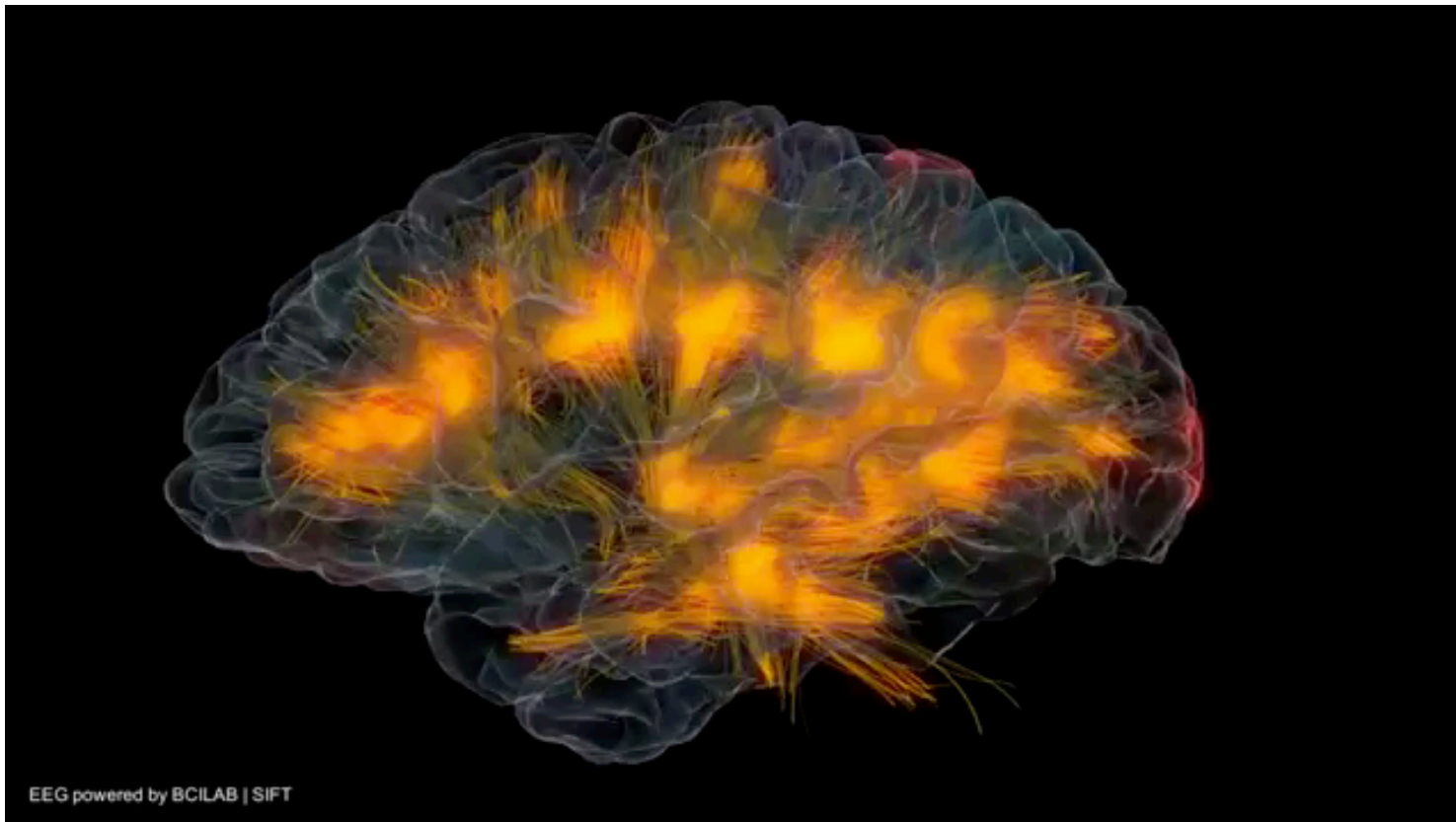
Developing new products and
services with profound and
positive social impact



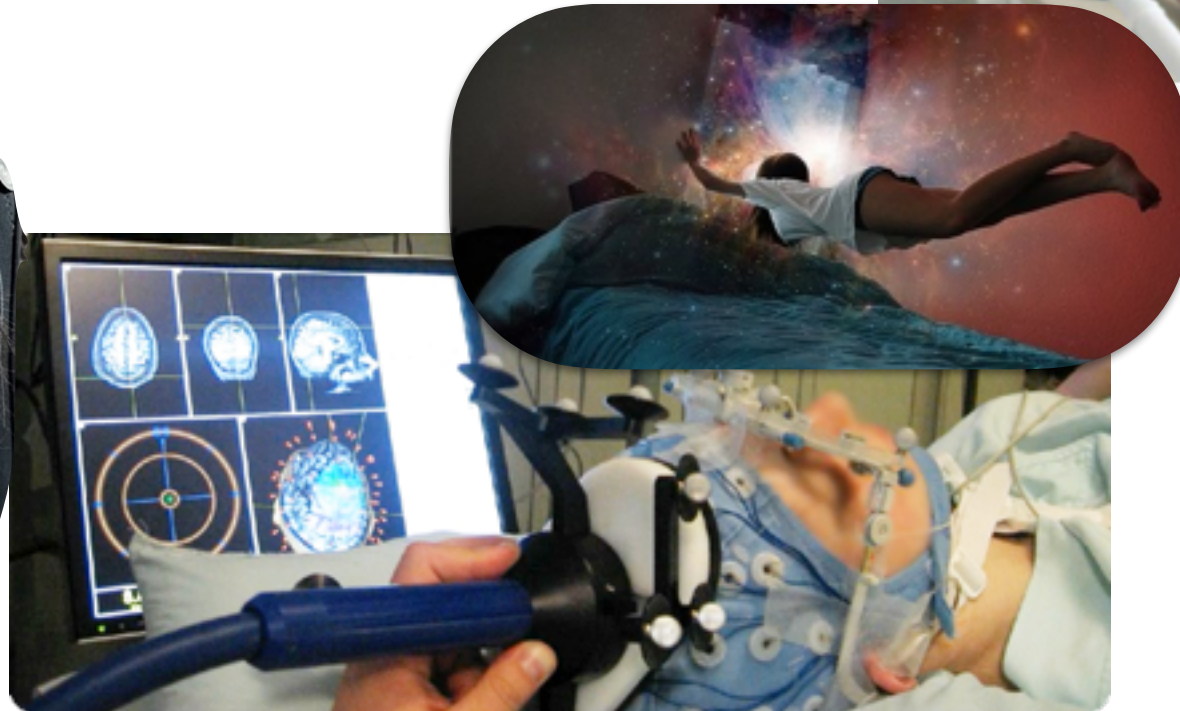
The Brain



The Electrical Brain



Consciousness will someday be electromagnetically measured and altered, and that the associated needed insights will prove crucial to the development cognitive sciences.



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vision

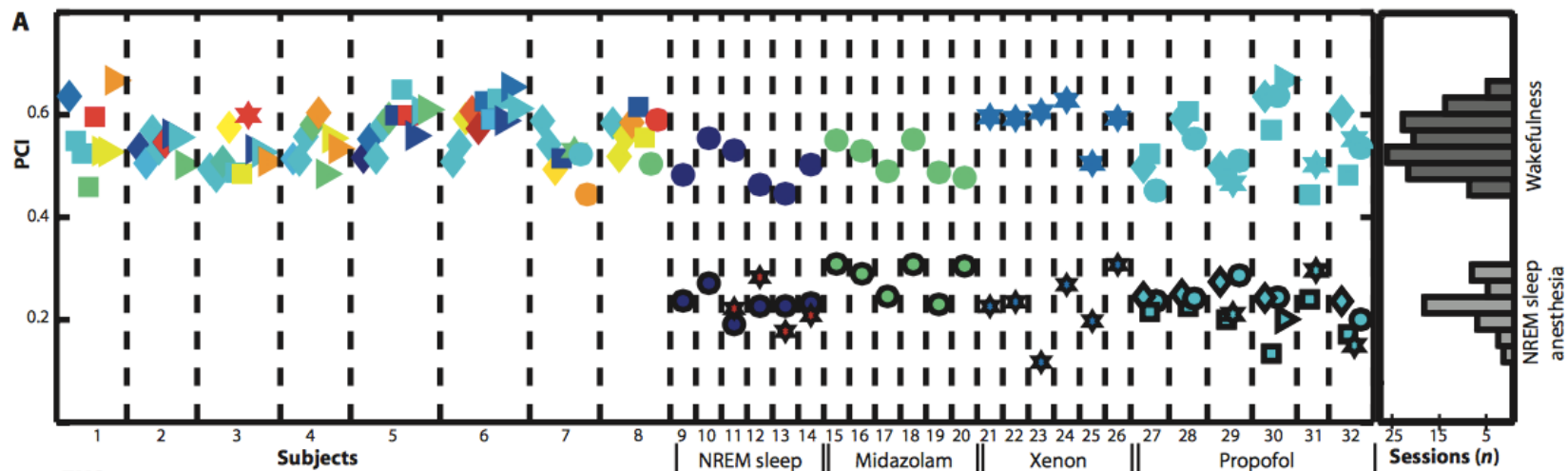
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our questions

What is consciousness?

Can it be measured?

Can it be altered through electromagnetic brain stimulation?



Cassini et al 2013

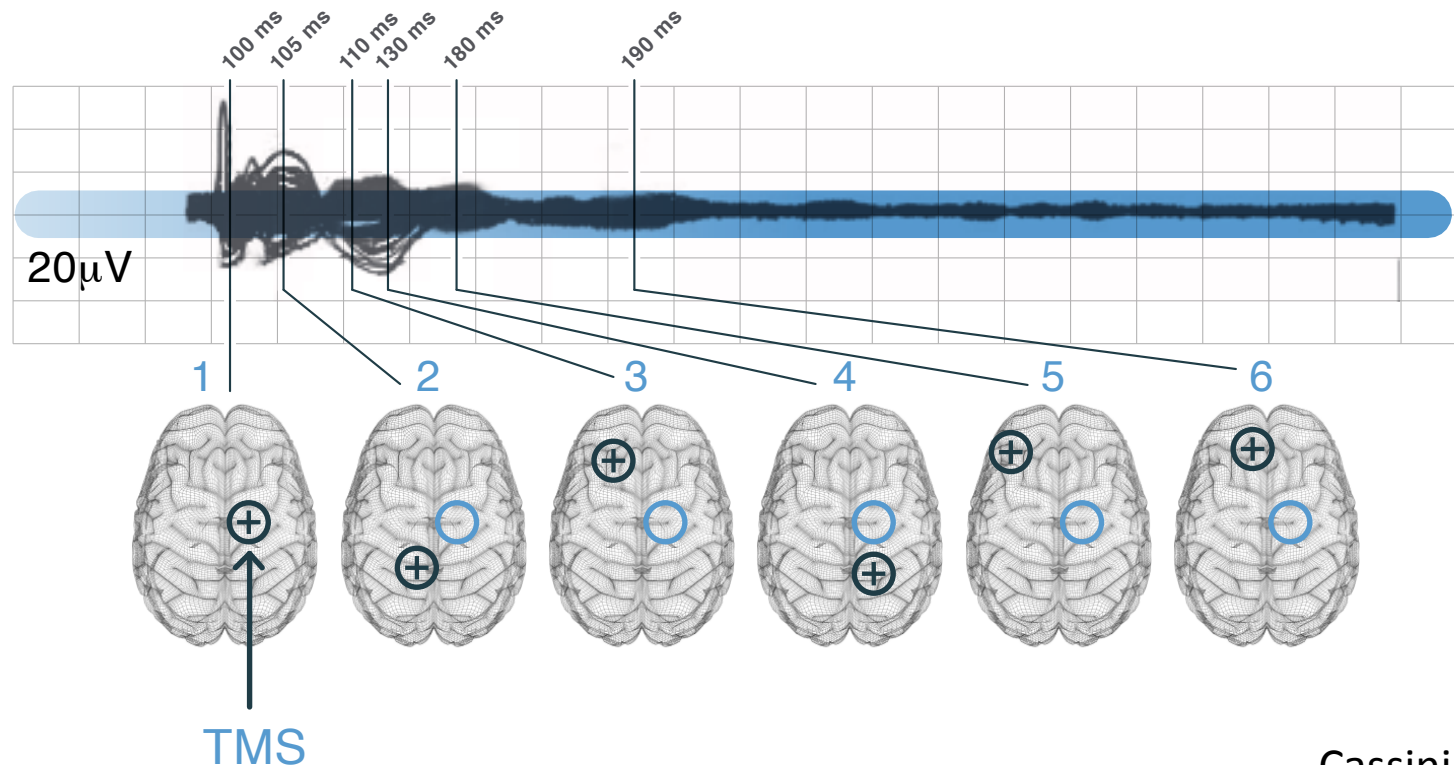
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our questions

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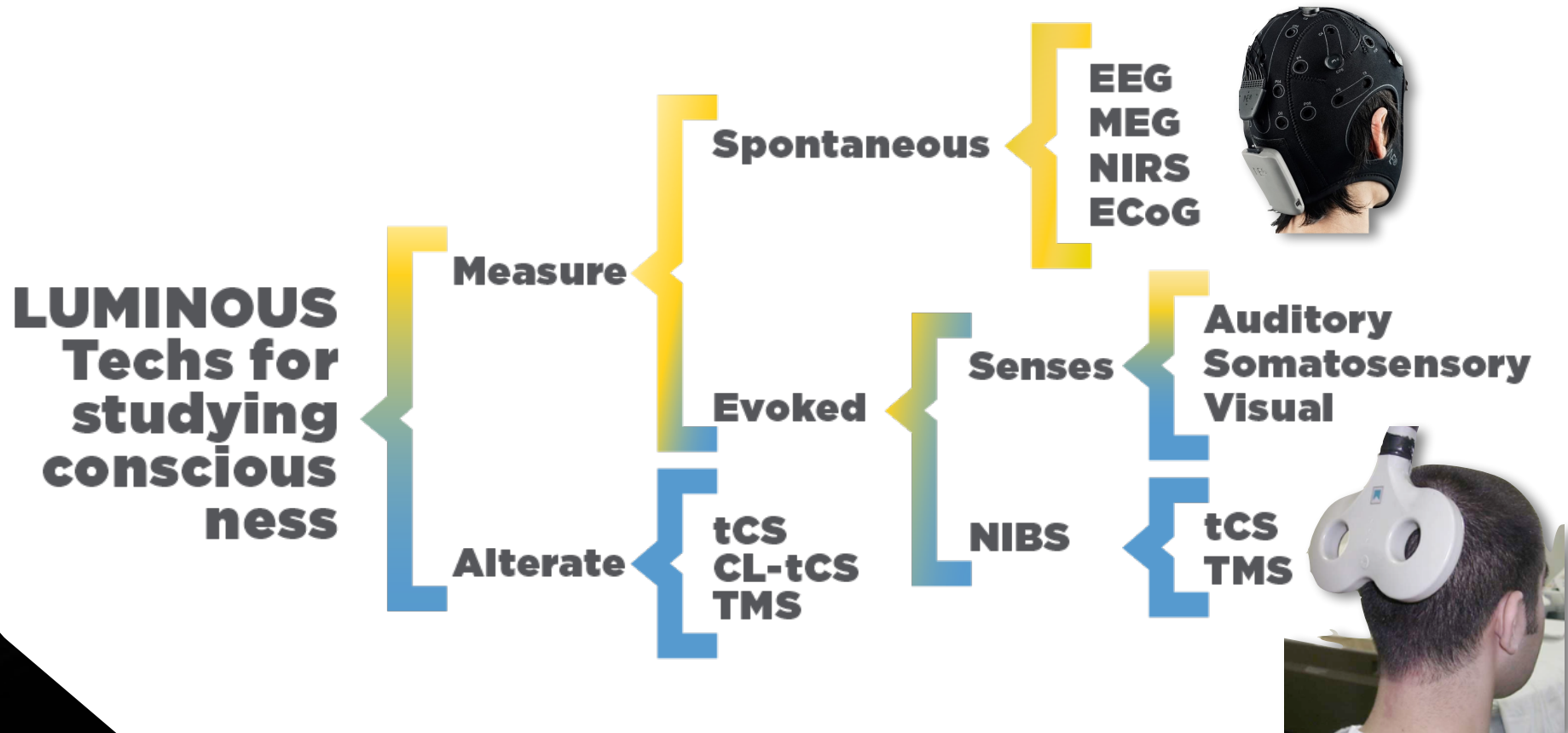
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Cassini et al 2013

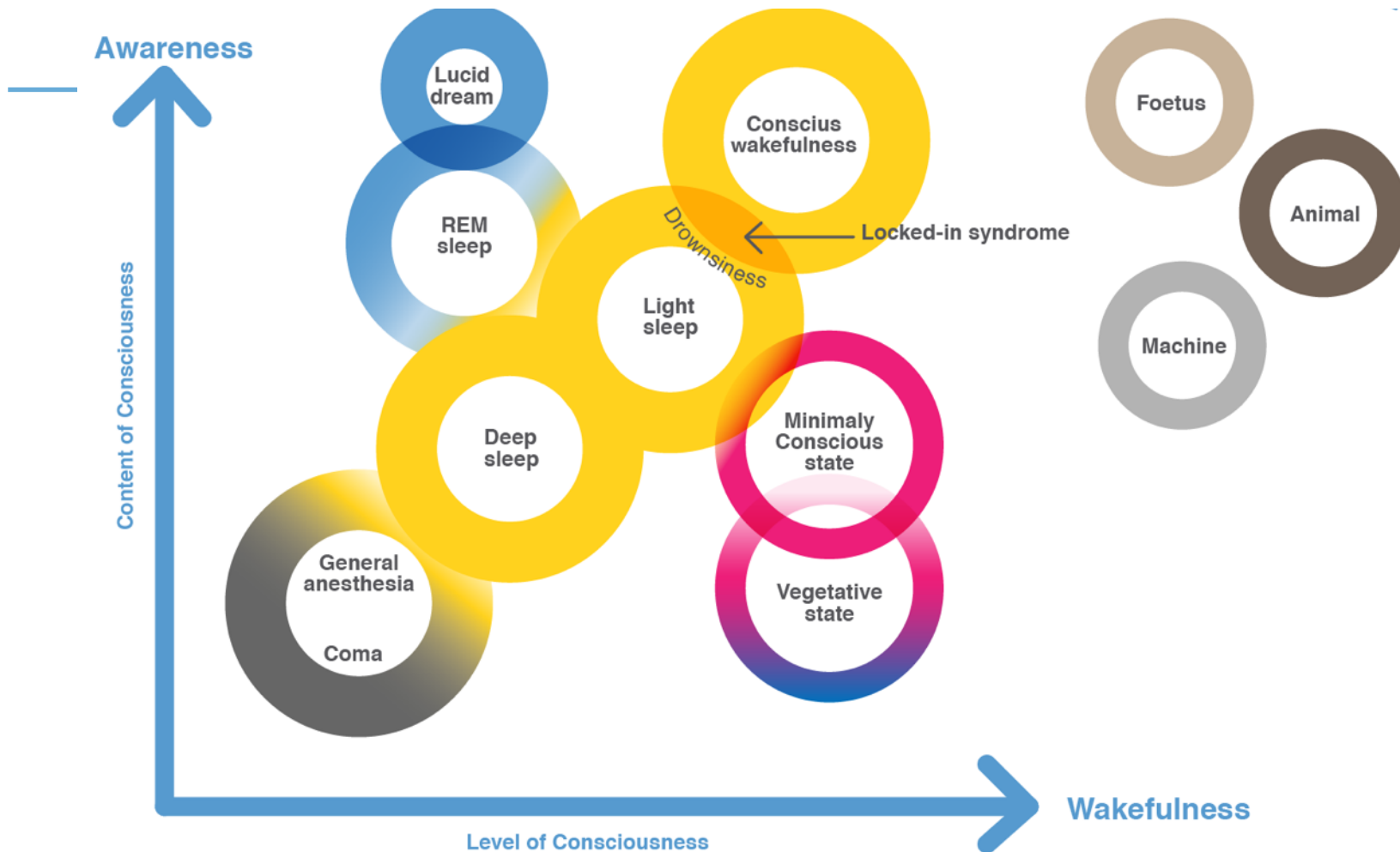
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Advancing Consciousness Technologies



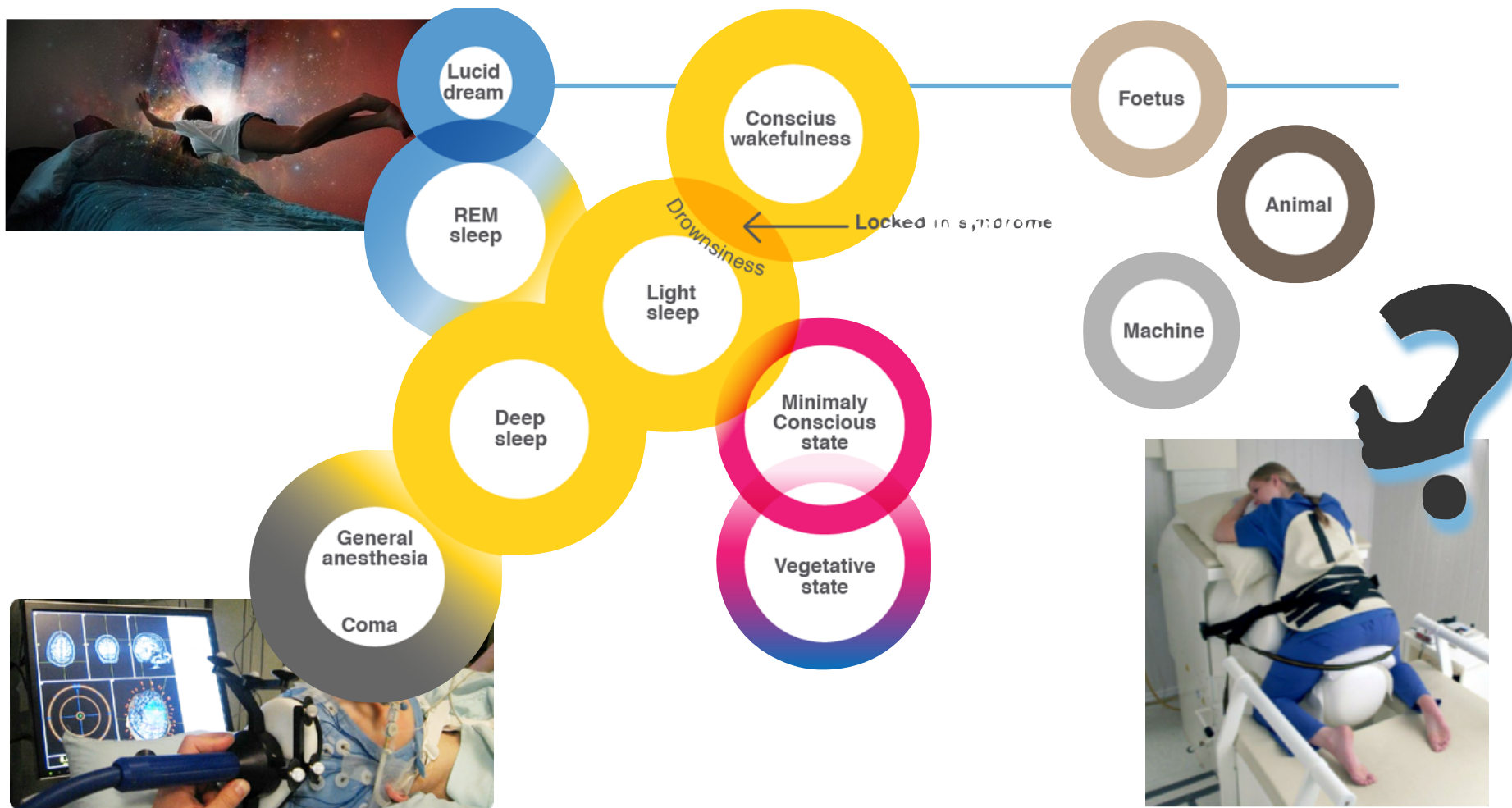
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Studying Consciousness in the Electrical Brain



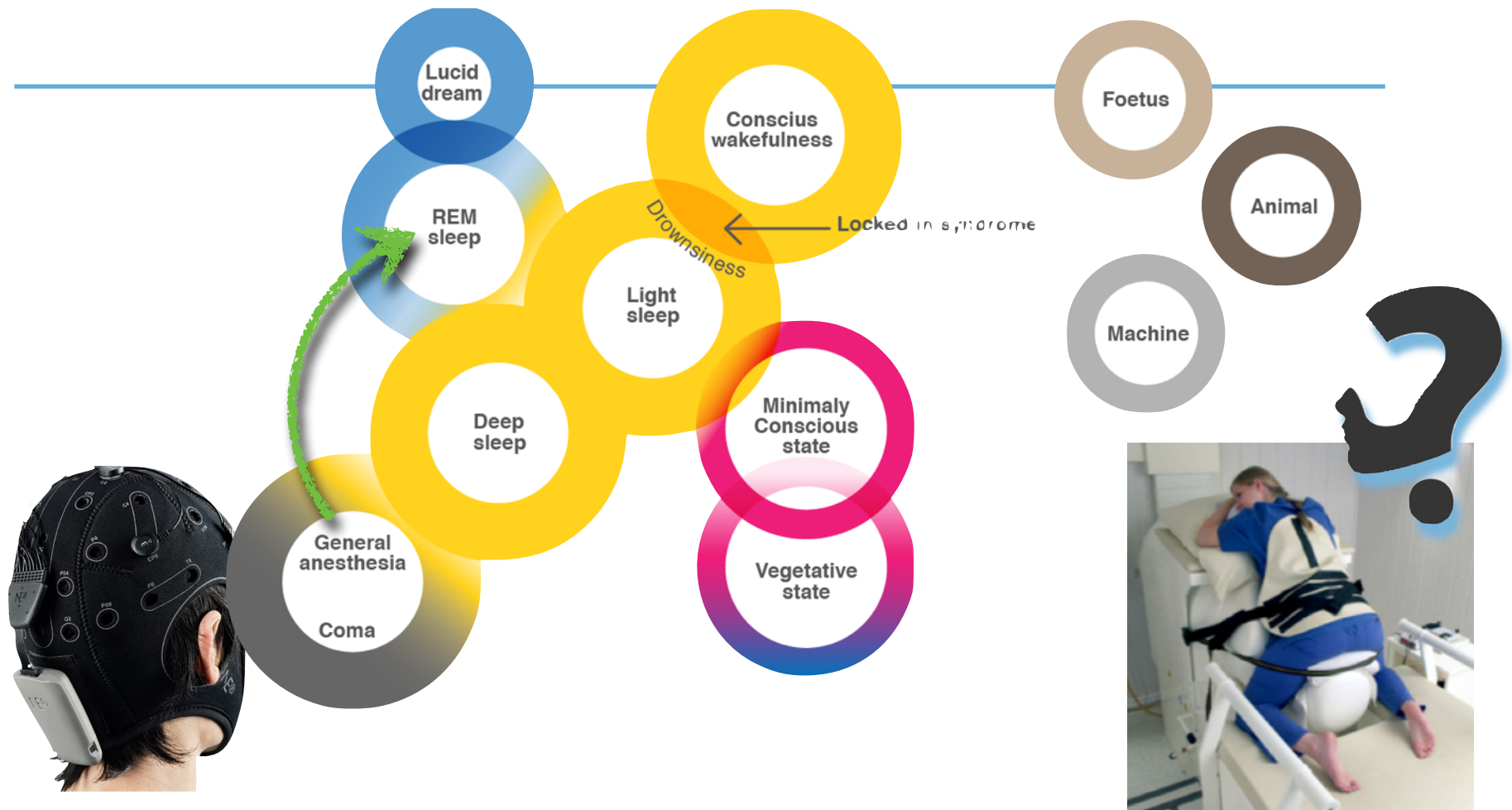
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Measuring Consciousness in the Electrical Brain



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Changing Consciousness in the Electrical Brain?



LUMINOUS project: consortium



Thanks

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Studying consciousness
in the electrical brain

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