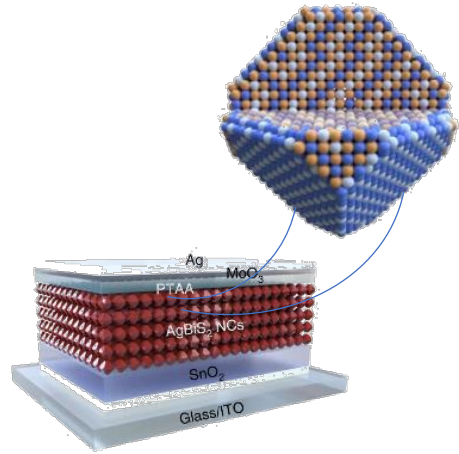
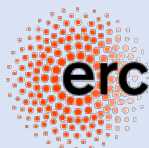


Functional Optoelectronic Nanomaterials**Prof. Dr. Gerasimos Konstantatos**

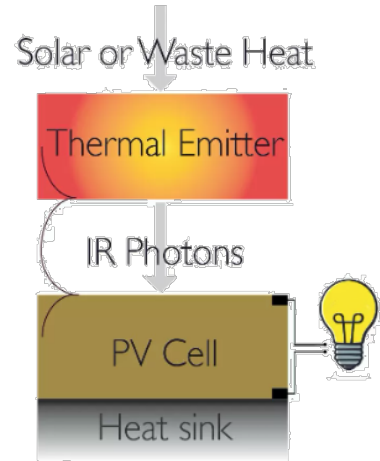
- **15+ years experience in photonics and photovoltaic technologies**
- 105+ scientific articles; 25 patents
- Topics: Quantum dot photovoltaics, Lead-free nanocrystal photovoltaics
- Landmark: Co-founder of ICFO's spin-off company Qurv (broad range image sensors)

**Contact**

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Thermal Photonics**Prof. Dr. Georgia Papadakis**

- **10+ years experience in nanoscience and clean energy**
- 30+ scientific articles; 4 patents
- Topics: thermo-photovoltaics, tailored thermal emission, radiative heat transfer
- Landmark: leading researcher in near-field heat transfer

**Contact**

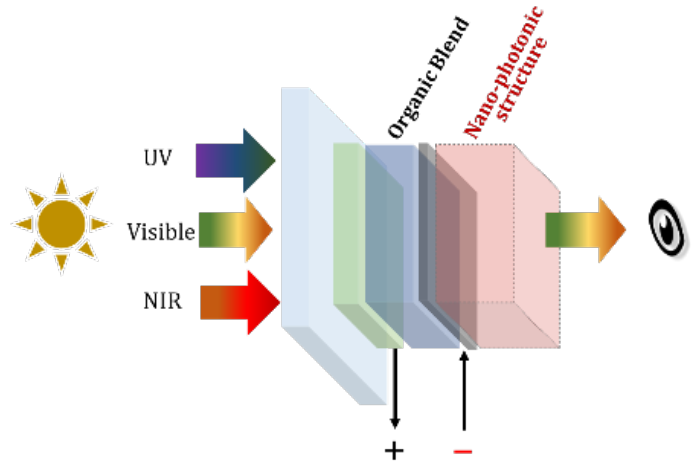
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Organic Nanostructured Photovoltaics**Prof. Dr. Jordi Martorell**

- **30+ years experience in photonics and photovoltaic technologies**
- **85+ scientific articles; 4 patents**
- **Expertise: Transparent photovoltaics, H₂ storage, Photoelectrochemical cells**
- **Landmark: Co-founder of ICFO's spin-off company Vitsolc (transparent solar cells)**

**Contact**

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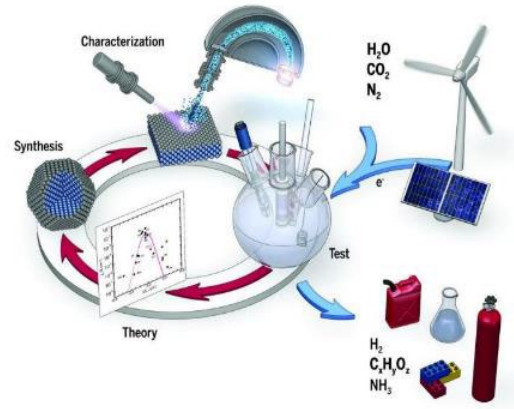
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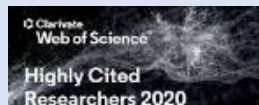
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CO₂ Mitigation Accelerated by Photons

Prof. Dr. Pelayo García de Arquer



- **15+ years experience in nanoscience and clean energy**
- 90+ scientific articles; 6 patents
- Expertise: CO₂ capture and electrolysis, Green H₂ and Green ammonia
- Landmark: Member of finalist team CERT in renown Carbon Xprize



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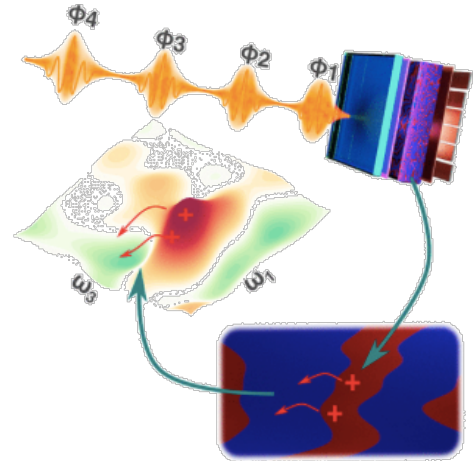
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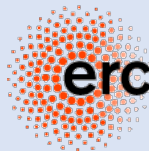
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Molecular Nano-photonics

Prof. Dr. Niek van Hulst



- **35+ years experience in photonics and photovoltaic technologies**
- 135+ scientific articles; 3 patents
- Topics: Artificial photosynthesis, Dynamics of photoactive systems
- Landmark: internationally recognized for contributions in optical nano-antennas.



Contact

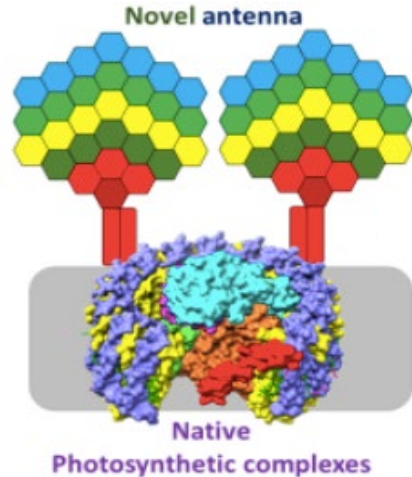
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Photon Harvesting in Plants and Biomolecules

Prof. Dr. Nicoletta Liguori



- **10+ years experience in nanoscience and clean energy**
- 16+ scientific articles
- Topics: Light harvesting in bio-systems, Environment and light effects
- Landmark: establishing a mechanism for light regulation via protein conformational changes



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