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From electrons to stars : modelling and mitigation of radiation damage effects on astronomical CCDs

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From Electrons to Stars

Modelling and mitigation of radiation damage effects on astronomical CCDs

From Electrons to Stars

Modelling and mitigation of radiation damage effects on astronomical CCDs

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Thibaut Prod'homme

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‘And the stars look very different today.’

Space Oddity - David Bowie

Cover by Julien Alday
To visualize outer space and immense manifestations such as solar eruptions, French illustrator Julien Alday manipulates photographic elements by shooting oxidation of metallic plates. In recording a small chemical reaction, he ultimately depicts events on a cosmic scale. From top to bottom the graphical elements represent the Gaia spacecraft downlinking data to Earth, the Earth and its magnetosphere, the Sun and the solar wind.
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