

Script for ESOcast 157 Light: Ancient Galaxy Megamergers

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| ESOcast Light 157 | |
| [Visual starts] | |
| New ESOcast intro | New ESOcast introduction |
| Title: Ancient Galaxy Megamergers | |
| 1. Astronomers have looked back in time to when the Universe was only a tenth of its current age... | |
| 2. ...to see galaxy clusters — some of the most massive structures in the known Universe , as they form. | |
| 3. By looking 90% of the way across the observable Universe , astronomers caught groups of young galaxies about to collide. | |
| 4. These cosmic pile-ups will lead to the formation of colossal galaxy clusters — much earlier than astronomers expected . | Galaxy cluster images. |
| 5. Several telescopes — including ALMA, APEX and the VLT— teamed up to make this discovery possible... | ALMA, APEX and VLT footage. |
| 6. ...and let astronomers study galaxy clusters forming less than 1.5 billion years after the Big Bang . | |
| 00:00 [Outro] | <i>Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.</i> |

