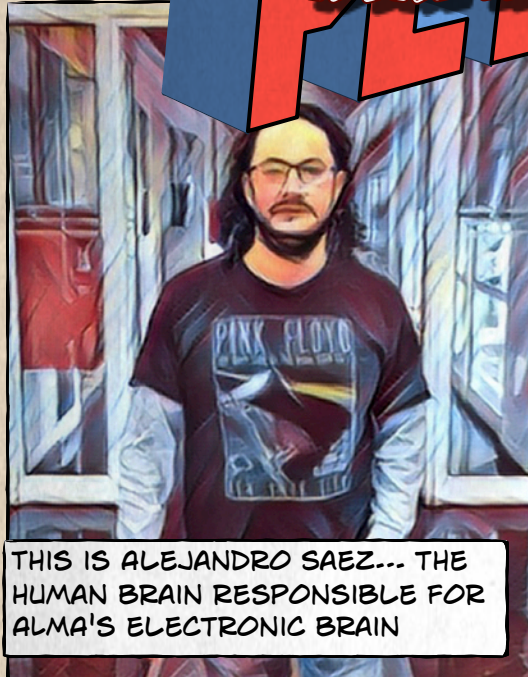


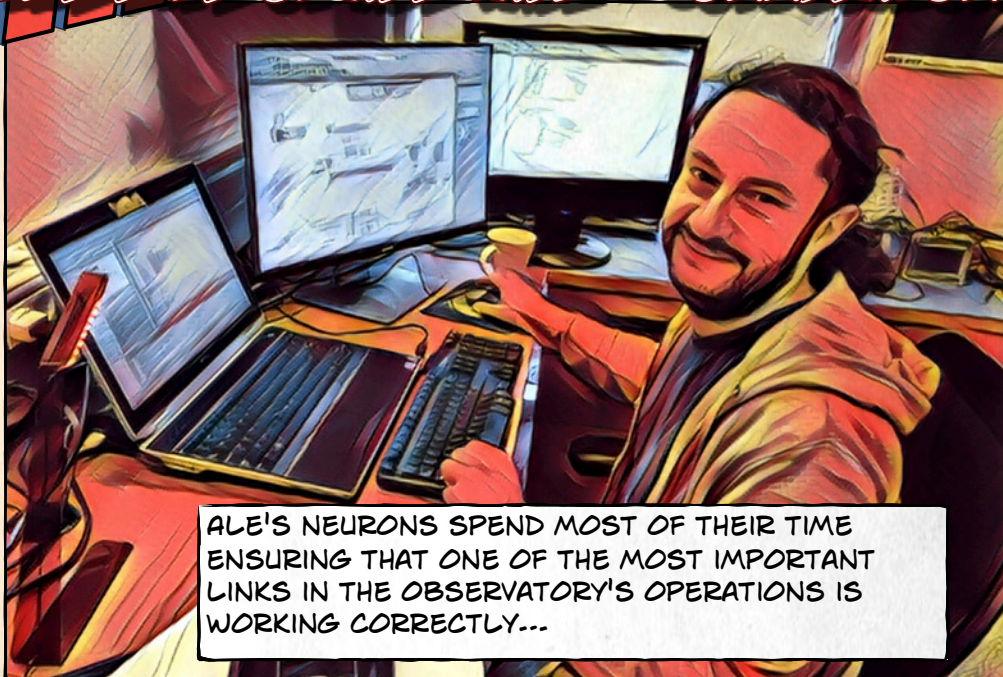


PETANEURONS!

A DAY IN THE LIFE OF ALE SAEZ - CORRELATOR

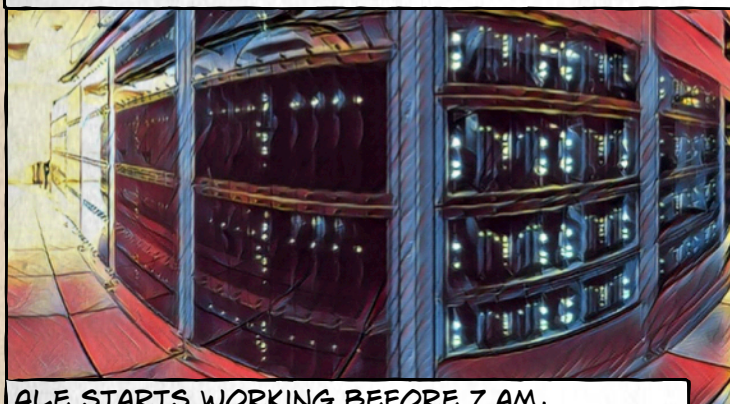


THIS IS ALEJANDRO SAEZ... THE HUMAN BRAIN RESPONSIBLE FOR ALMA'S ELECTRONIC BRAIN



ALE'S NEURONS SPEND MOST OF THEIR TIME ENSURING THAT ONE OF THE MOST IMPORTANT LINKS IN THE OBSERVATORY'S OPERATIONS IS WORKING CORRECTLY...

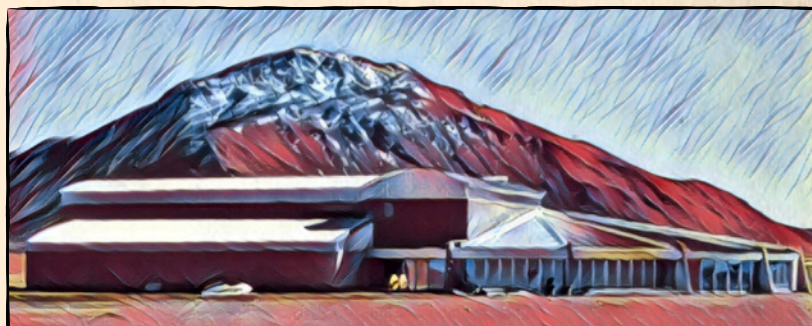
THE ALMA CORRELATOR! A MONSTROSITY OF A COMPUTER, WHICH UNDERTAKES 17 QUADRILLION OPERATIONS EVERY SECOND!



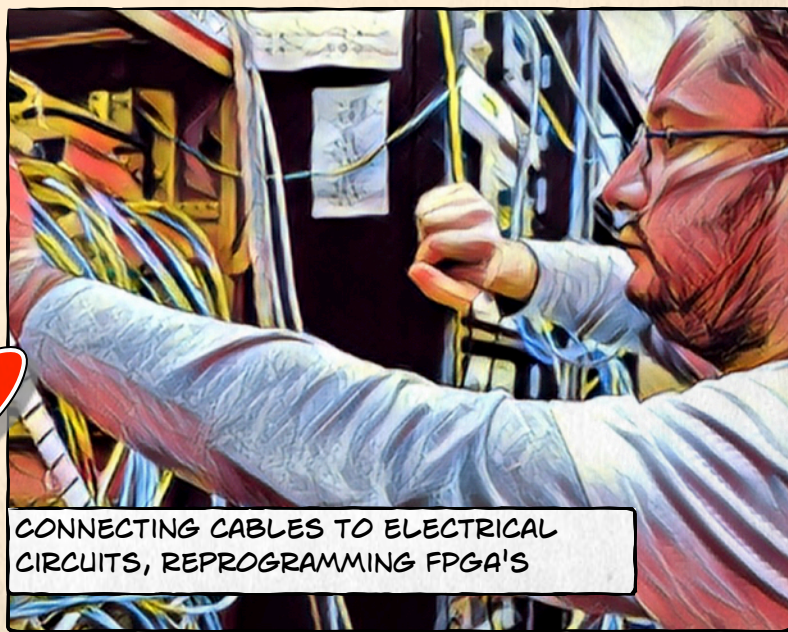
ALE STARTS WORKING BEFORE 7 AM, UNDERTAKING UNUSUAL TASKS SUCH AS REVIEWING CHIP PINS UNDER A MICROSCOPE...



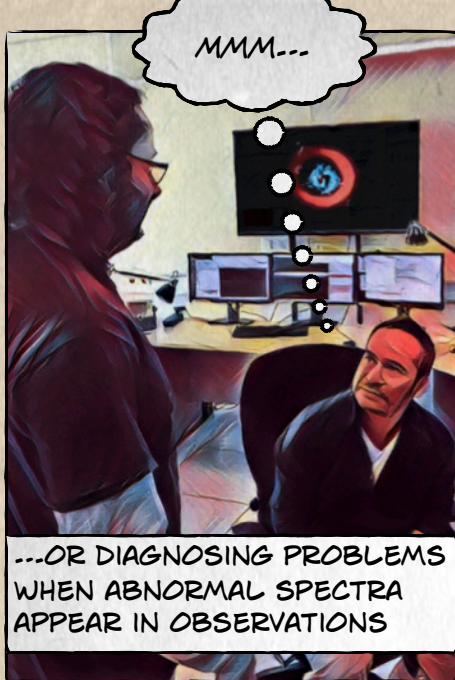
EASY, RIGHT?



THIS SUPER MACHINE OPERATES AT 5,000 METERS ABOVE SEA LEVEL, CONSTANTLY INTEGRATING THE INFORMATION GENERATED BY EACH ANTENNA



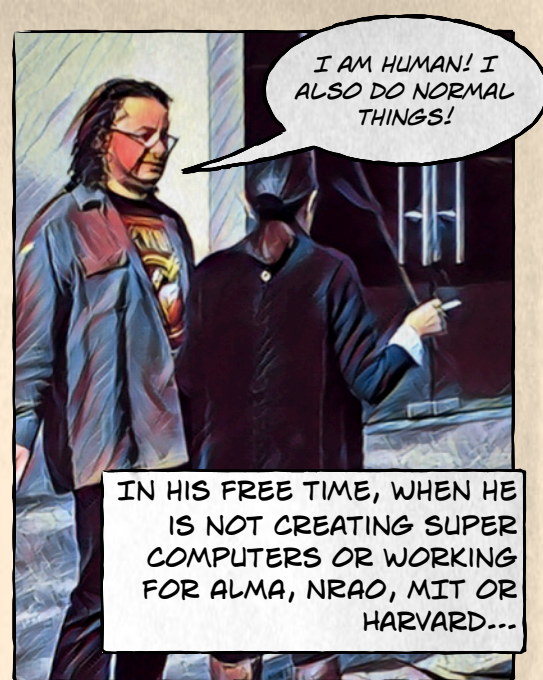
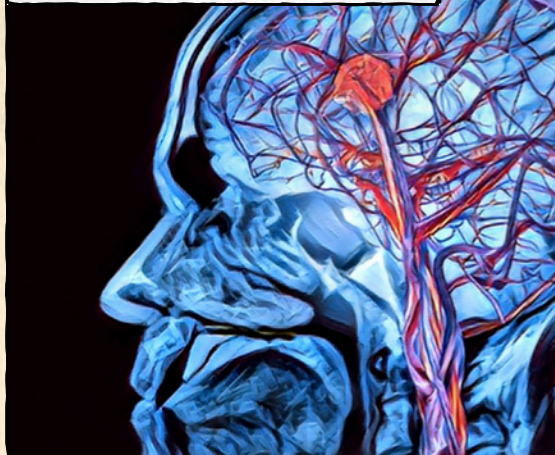
CONNECTING CABLES TO ELECTRICAL CIRCUITS, REPROGRAMMING FPGA'S



MMM...

...OR DIAGNOSING PROBLEMS
WHEN ABNORMAL SPECTRA
APPEAR IN OBSERVATIONS

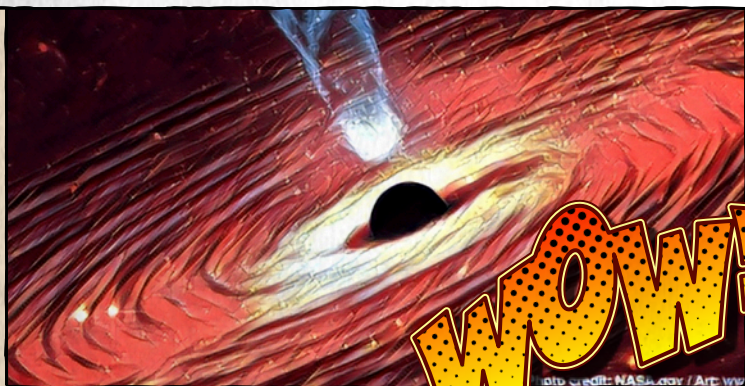
IN A WAY, ALEJANDRO IS A
SUPER HUMAN PROCESSOR
IN CONSTANT BATTLE WITH
THE CORRELATOR'S 130
MILLION PROCESSORS.....
AND HE ALWAYS WINS



I AM HUMAN! I
ALSO DO NORMAL
THINGS!

IN HIS FREE TIME, WHEN HE
IS NOT CREATING SUPER
COMPUTERS OR WORKING
FOR ALMA, NRAO, MIT OR
HARVARD...

...ALE IS WORKING ON THE ALMA PHASING PROJECT
TO OBSERVE BLACK HOLES FOR THE FIRST TIME IN
HISTORY...



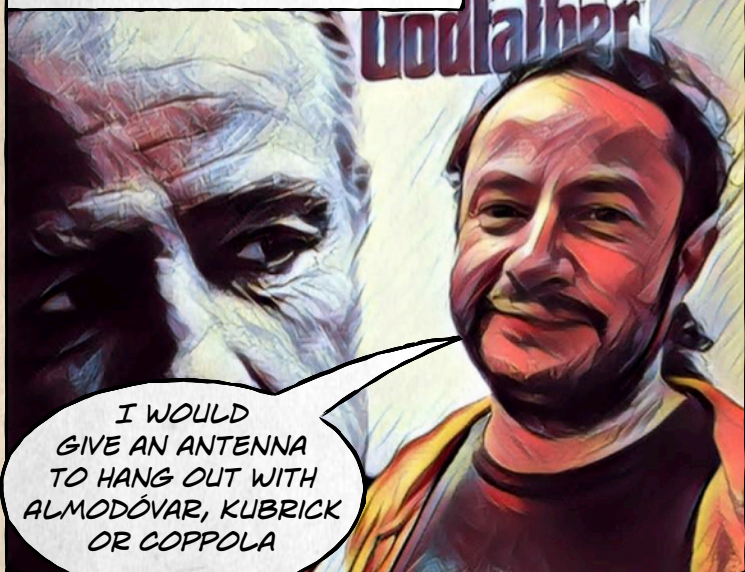
WOW!

...OR BUILDING A TELEVISION WITH USED
PARTS TO TEACH HIS DAUGHTER ABOUT THE
INNER WORKINGS OF THE TV!



MY DAD
IS AWESOME...
AND SCRUFFY

THIS MAN'S WORK IS THE
STUFF OF MOVIES



I WOULD
GIVE AN ANTENNA
TO HANG OUT WITH
ALMODÓVAR, KUBRICK
OR COPPOLA



OR RECORD A
DUO WITH
BJORK

