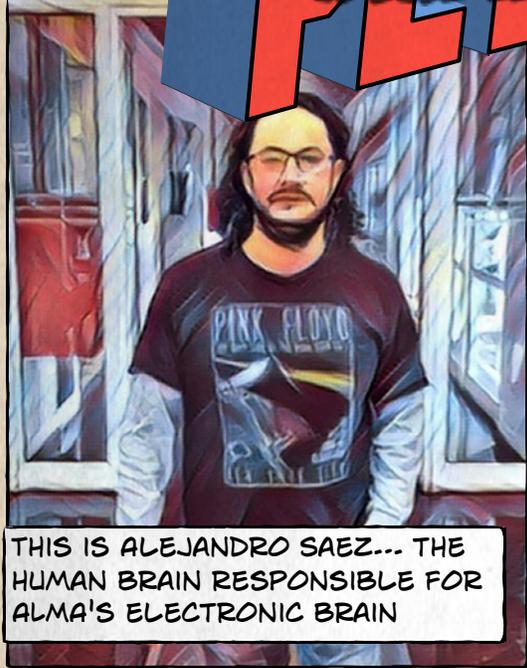




PETANEURONS!

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...

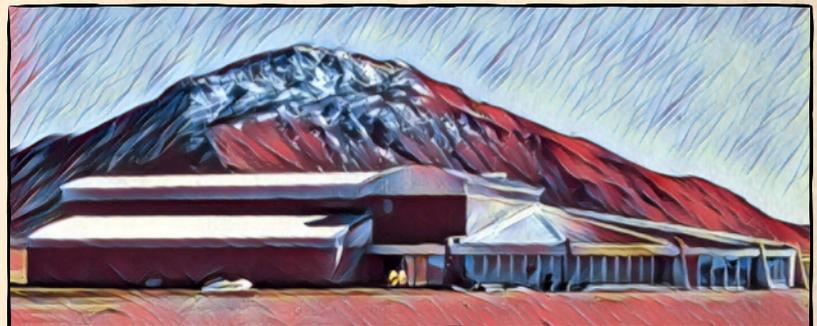
THE ALMA CORRELATOR! A MONSTROSITY OF A COMPUTER, WHICH UNDERTAKES 17 QUADRILLION OPERATIONS EVERY SECOND!



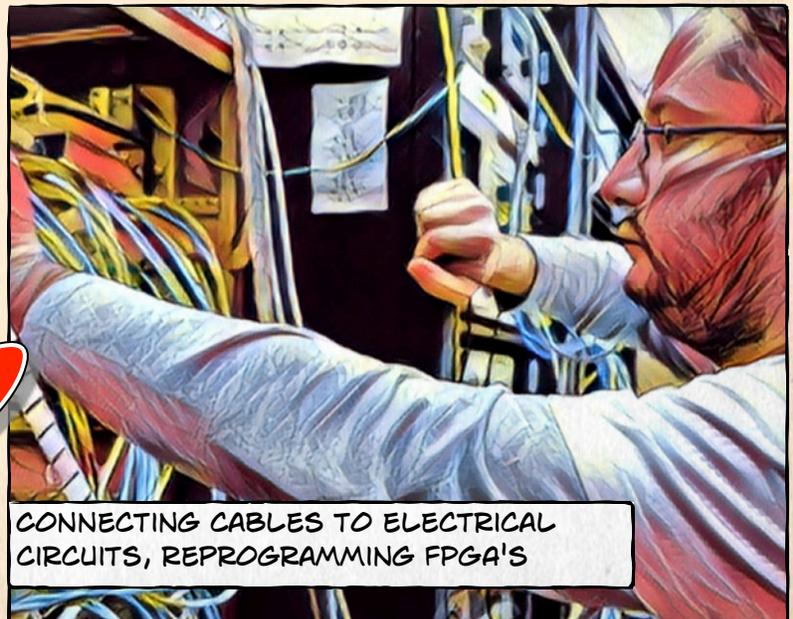
ALE STARTS WORKING BEFORE 7 AM, UNDERTAKING UNUSUAL TASKS SUCH AS REVIEWING CHIP PINS UNDER A MICROSCOPE...



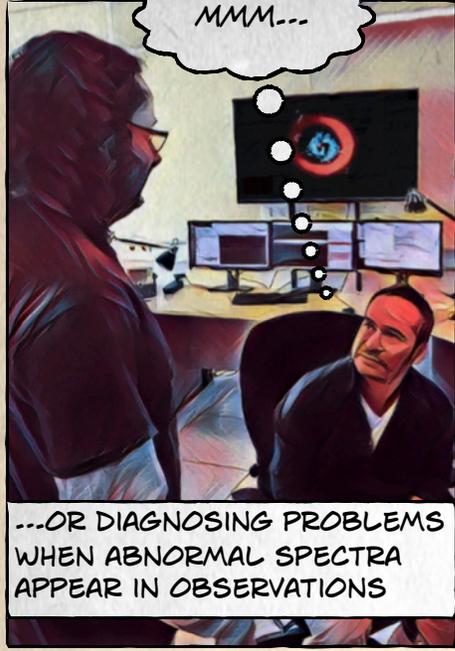
EASY, RIGHT?



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



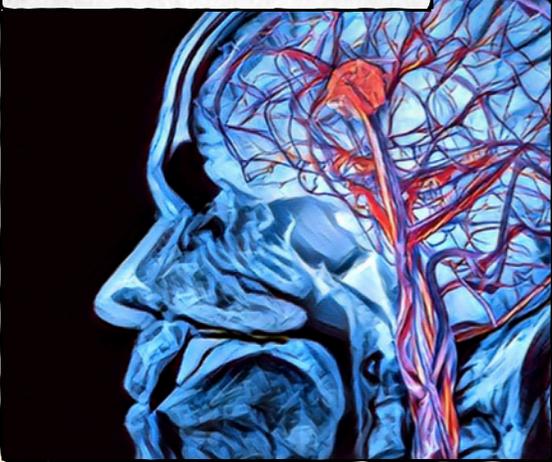
CONNECTING CABLES TO ELECTRICAL CIRCUITS, REPROGRAMMING FPGA'S



MMM...

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

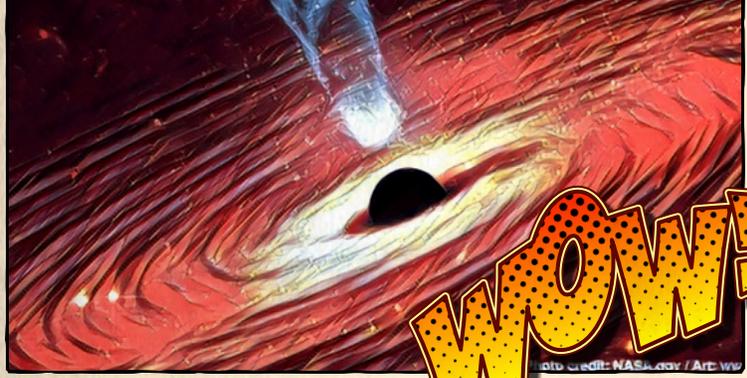
IN A WAY, ALEJANDRO IS A SUPER HUMAN PROCESSOR IN CONSTANT BATTLE WITH THE CORRELATOR'S 130 MILLION PROCESSORS..... AND HE ALWAYS WINS



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



The Godfather

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



OR RECORD A DUO WITH BJORK

