



# CHALLENGE #41

## NMSU-COMP-01

### **Verifiable computation for computationally intensive smart contracts**

Meet the expectations of this US Node  
through the technology challenge  
described below



## GOALS

With smart contracts in blockchains becoming attractive the intent is to design mechanisms to make smart contracts scale to more compute-intensive computations.

## DETAILS

Design of scalable and secure mechanisms to verify computations and do it in a way that does not require real-time interactions and also can support the transaction bandwidth.

## SKILLS REQUIRED

Knowledge and expertise of blockchains, smart contracts, verifiable computing, etc.