



Certificate of Participation

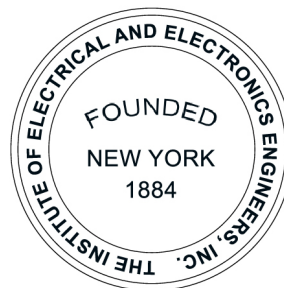
This is to certify that

fatma jallouli

From team 9assaBnina Participated in IEEE Xtreme 15.0 Programming

Competition that Hosted +12,900 Participants

23rd October 2021



Susan K. Land
Susan K. (Kathy) Land
IEEE President 2021