Full Name (English):

**Zhang Tinghao** 

Xidian University Xi'an, China; Associate Research Fellow



Affiliated Institution and Title (English):

Biography

(Please provide in paragraph form within 500 words.)

Ting hao Zhang (Member, IEEE) was born in Xianyang, China, in 1996. He received the Ph.D. de gree in signal processing with the National Laboratory of Radar Signal Processing. He is currently an Associate Professor with the School of Physics, Xidian University, Xi'an, China. His research interests include monostatic/bistatic SAR imaging and motion compensation

Speech Title (English):

Study on imaging algorithm for highsquinted SAR with curved trajectory

Speech Abstract

(Please provide in paragraph form within 500 words.)

The main issues of high-speed-high-squint synthetic aperture radar (HSHS-SAR) with a curved tr ajectory include three aspects: an accurate range model with acceleration, the coupling phase ter ms and spatial-variant (SV) Doppler parameters. This report propose some methods to solve abov e problems