

# 2023 Summer Workshop

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# Optical Phased Array

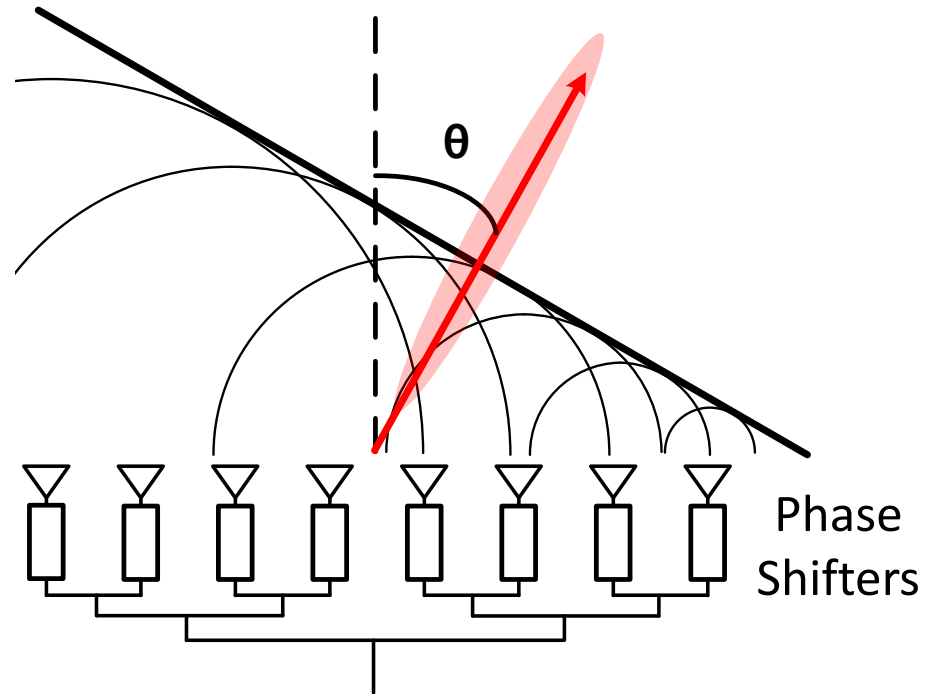
## RF Phased Array



## OPA(Optical Phased Array)

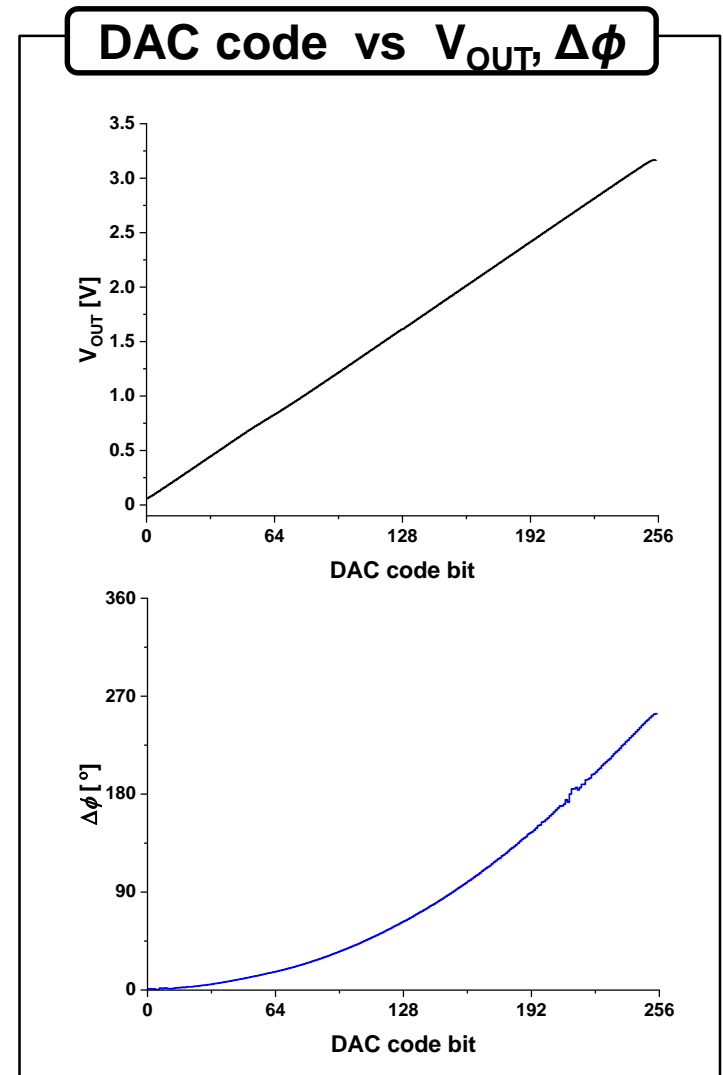
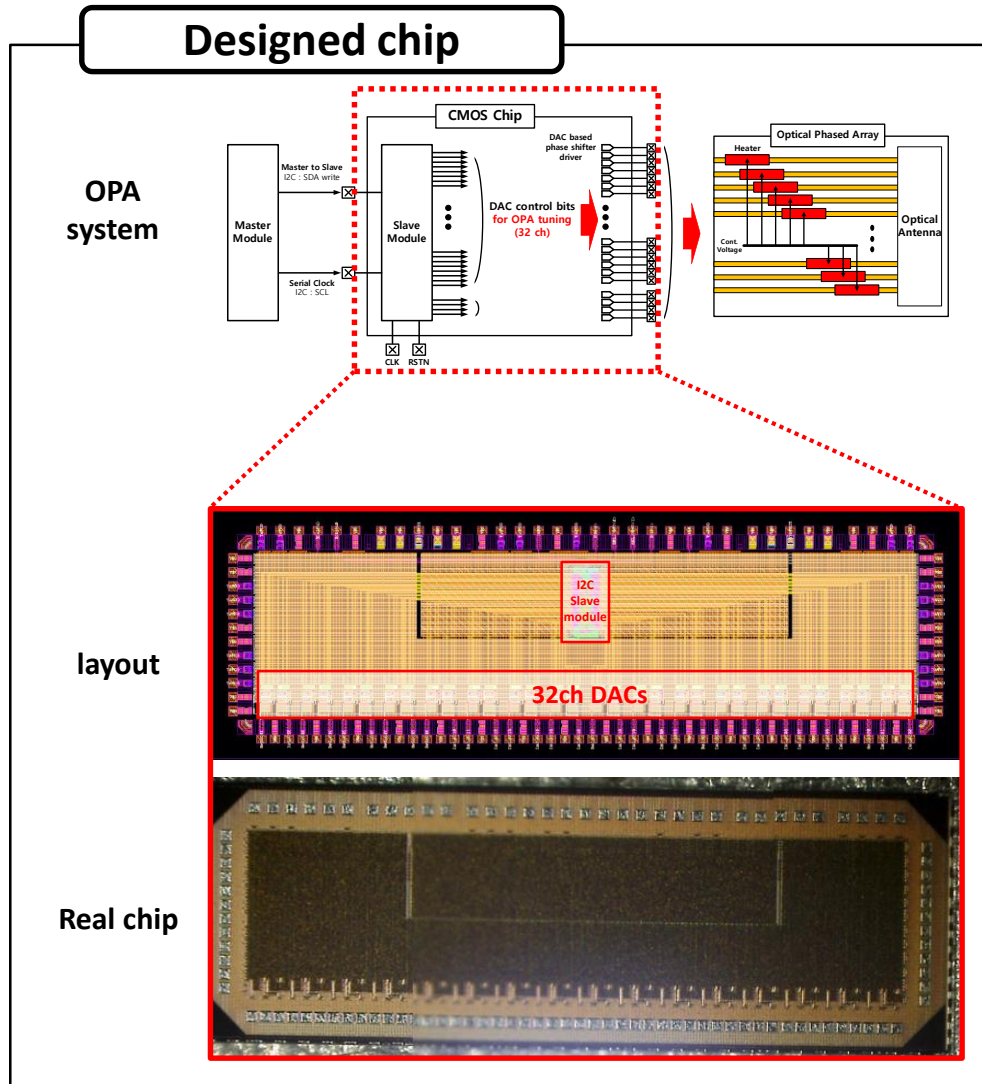
*3D, Higher resolution for detecting*

## Phased Array Technology



- Solid-state OPA(based on SiPh)
  - Small size, cost-efficient

# 2023-1 Works



# 2023-2~ Plan

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## ➤ Design

- TSMC 0.18um
  - 2023.10(PWM or Non-linear based OPA driver IC)