

## **Some Recent Developments on the Interface States in Photonic Crystals**

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In this talk, the speaker is going to discuss some of his research group's recent works related to the interface states in photonic crystals. Through numerical simulations and microwave experiments, the speaker and his research group studied the existence of interface states between two photonic crystals and on different edge structures of photonic crystals. They developed new technique to experimentally characterize the properties of these interface states studied.