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The plasma electrolytic oxidation micro-discharge channel model and its microstructure characteristic based on Ti tracer

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Highlights

- The discharge channel's shape and the structure of the ceramic coatings were investigated.
- A schematic model of the individual discharge channel was proposed based on Ti tracer method.
- β -Al₂O₃ was found as the transitional phase of Al₂O₃ existed in the ceramic

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