## Vacuum Breakdown Initiation and Development

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A review of mechanisms of the initiation of vaccum breakdown is presented and role of anode surface contaminations in enhancement of prebreakdown current and initiation of breakdown is emphasized.

The experimental investigation of vacuum breakdown and prebreakdown p-henomena is described. Experiments presented herein show the describing of anode contaminations under electron bombardment to be an essential factor of stimulation of electrical breakdowns. Possible influence of described gases on prebreakdown state of electrodes is anallysed.