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## Surface modification of glass using silane coupling agent

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### Introduction

Surface modification with a silane coupling agent can impart various properties to an inorganic surface. In this presentation, we raised technical issues, showed the current status of research toward them, and examined future developments.

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### Experimental

The synthesis of the silane coupling agent was carried out according to the following scheme. Surface modification with a silane coupling agent requires careful preparation for a wide variety of equipment used in the experimental process. The contact angle of the liquid on the glass surface was measured using an optical contact angle meter.

### Results & Discussion

The contact angle of water on the surface-modified glass changed as the chain length of the coupling agent increased.

### <Notes on entry>

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