



特別講演会

7/12 (Tue)

16:00 ~ 17:00

対面/オンライン(Zoom)のハイブリッド開催

**会場：工学研究科 大会議室
(D1-201~203)**

当日参加も可能ですが、席に限りがありますので、できるだけお申込みください。

オンライン参加の場合

講演会開催URLを事前に送付いたします。
下記要領にてお申込みください。

参加申込方法 (下記方法①②のいずれかでお申込みください)

① 下のQRコード先 (膜機構HP) からお申込みください。

② 下記アドレスまで [1. 名前、2. 所属、3. 連絡先 (住所、電話番号、メールアドレス)、4. 参加方法 (対面式・オンラインのいずれか)] をメールでお知らせ下さい。メール件名は「特別講演会参加申込」として下さい。

E-mail : eng-membrane@research.kobe-u.ac.jp



参加無料

対面参加：先着 50名
オンライン参加定員：100名

An integrated electrocoagulation-microfiltration and direct contact membrane distillation processes for treating hydraulic fracturing produced

Biography

Prof. Wickramasinghe is the Director of the Membrane Science, Engineering and Technology (MAST) Center, a National Science Foundation Industry-University Cooperative Research Center.

Prof. Wickramasinghe is the Executive Editor of Separation Science and Technology.

Prof. Wickramasinghe has published over 200 peer reviewed journal articles, several book chapters and patents and is co-editor of a book on responsive membrane and materials.

Research focuses

Synthetic membrane-based separation processes for purification biopharmaceuticals, treatment and reuse of water and to produce biofuels. His group is actively developing responsive membranes. These membranes change their physical properties in response to changed environmental conditions.

A second research focus is the development of catalytic membranes for biomass hydrolysis by grafting catalytic groups to the membrane surface. He helped cofound SIEV Technologies, which is focused on commercializing the catalytic membrane technology developed by Prof Wickramasinghe's group.

Education & Degrees

- Ph.D. Chemical Engineering, University of Minnesota, 1992
- MScE, University of Melbourne, Australia, 1988
- BScE, University of Melbourne, Australia, 1987

Prof. Ranil Wickramasinghe

Distinguished professor,
Department of Chemical Engineering,
University of Arkansas

