

Möjligheterna att öka industrikunskapen och kompetensprofilen som förväntas hos framtida kemiingenjörer

Gunnar Westman¹, Greta Hjortzberg², Lars Öhrström¹, Lars Evenäs¹

¹ Chalmers Tekniska Högskola

² iKem

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I. INTRODUCTION

MANY surveys show that it is becoming increasingly difficult for companies to recruit new coworkers that have a good and adequate skills for the work. One may ask, is it the industry that does not attract the right students or is it that the academy should be better at educating based on the needs of industry? Through the last decade there has been changes and modernizations in the work profiles that may require additional and new competence profile so it may be relevant to ask, -What is an attractive engineering and what are the educational needs of the industry? The roundtable discussion intends to discuss different opportunities to increase understanding between industry and academia and highlight what is strategic and possible to implement in the education to increase industrial knowledge and it the competence profile expected of future chemical engineers. The roundtable discussion begins with Greta Hjortzberg, responsible for competence supply at IKEM, presents an analysis of the chemical industry different needs for knowledge / education and the gaps that retirements can give

rise to. To provide representatives of Västsvenska Kemi- och material cluster, Swedish pulp industry and, from the academy, deputy head, responsible for undergraduate education, and program managers for the chemical engineering educations at Chalmers University of Technology. After the initial presentation, the participants will briefly present and reflect on their own roles and experiences after which there is hopefully plenty of room for further views and input from present. The facilitator of the discussions is Gunnar Westman, responsible for education in national research platform Tresearch. The ambition is that the discussion at the round table discussion will stimulate development work and priorities but also provide a picture of the current situation in terms of the parties' needs and opportunities. The ambition is that the discussions also lead to new contacts between the participants and inspire a number points are concretized and lead to an increased understanding between industry and academia from the chemical engineer perspective. The hope is that "digital cafes" will be created that will continue long after closed conference Target group / Interaction Teachers and program managers at higher education institutions. To ensure that participants have the opportunity to communicate their opinions, the roundtable discussion will be moderated by a facilitator. The discussion will be documented and compiled in notes that will be made available after the conference.

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G. Westman, Department of Chemistry and Chemical Engineering, Chalmers University of Technology, 412 96 Gothenburg, Sweden (phone: +46-(0)31-772 3072; e-mail: westman@chalmers.se).

G. Hjortzberg, Author, Jr., IKEM - Innovations- och kemiindustrierna i Sverige Box 55915 | SE 102 16 Stockholm, Storgatan 19 Sweden (e-mail: greta.hjortzberg@ikem.se).

L. Öhrström, Department of Chemistry and Chemical Engineering, Chalmers University of Technology, 412 96 Gothenburg, Sweden (e-mail: ohrstrom@chalmers.se).

L. Evenäs, Department of Chemistry and Chemical Engineering, Chalmers University of Technology, 412 96 Gothenburg, Sweden (e-mail: lars.evenas@chalmers.se).