ADVANCES IN DIGITALIZATION OF CATALYSIS; HOW IR4.0 IS REVOLUTIONIZING THE WAY WE GO ABOUT CATALYSIS

A technical investigation
commissioned by the members of the
Catalytic Advances Program

Client Private
July 2020

TCGR THE CATALYST GROUP RESOURCES™

Gwynedd Office Park ● P.O. Box 680 ● Spring House, PA 19477 – USA – ● Phone: +1-215-628-4447 ● Fax: +1-215-628-2267
E-mail: tcgr@catalystgrp.com ● Web Site: www.catalystgrp.com

The Catalytic Advances Program (CAP)

The Catalytic Advances Program (CAP) is an information resource for research and development organizations in the petroleum, chemical, and polymer industries. By the direction of the member companies (through balloting and other interactive means), the program delivers a range of timely and insightful information and analyses which are accessible exclusively to members and protected by confidentiality agreements. The objective is to provide a technical update on commercially viable advances in catalysis as well as benchmark commercial advances in catalysis and process technology.

Members receive three in-depth **CAP Technical Reports** which are written and peer reviewed by leading scientists and experienced industry professionals in areas selected by the membership (via ballot); weekly *CAP Communications* (delivered via e-mail) which provide the latest updates on technical breakthroughs, commercial events and exclusive development opportunities; and attendance at the **CAP Annual Meeting**.

The **Catalytic Advances Program (CAP)** is available on a membership basis from The Catalyst Group Resources (TCGR). For further details, please contact John J. Murphy at John.J.Murphy@catalystgrp.com or +1.215.628.4447 (x1121).

P.O. Box 680
Spring House, PA 19477 U.S.A
ph: +1.215.628.4447
fax: +1.215.628.2267
website: www.catalystgrp.com

CONTENTS

FIGURES

TABLES