Chair Message:
The field of Materials Science covers everything from alloy, polymer and ceramic development, appropriate selection of materials, materials process engineering for materials, quality checks and failure analysis. Failure Analysis includes fracture examination, mechanical, metallurgical and chemical property verification and investigation and evidence collection as well as looking at the total picture. In today’s world of advanced materials and technology, investigation of failures has become more complex, at the same time we have more tools available to us to investigate failures. Please join us for a presentation on Failure Analysis for our next Chapter Meeting.

Chairman: CHRIS RASMUSSEN
Stryker

This issue:
1: Chair Message
2: Next Meeting: Back to Basics-A brief overview of Failure Analysis
3: Location of April Meeting
4: Speaker Bio: Mr. Chris Rasmussen
5: Welcome New ASM Metro NY-NJ Chapter Members
6: Chapter Executive Committee

Our Sustaining Members:
Belmont Metals
Bodycote Thermal Processing
G. Cotter Enterprises
General Magnaplate Corp.
Praxair Electronics
Temperature Processing Co

Our Metro NY-NJ Chapter thanks these companies for their ongoing support.
Back to Basics-A brief overview of Failure Analysis

Speaker: Chris Rasmussen, Materials Analysis Engineer from Stryker Corp

Every product or process has modes of failure. An analysis of potential failures helps designers focus on and understand the impact of potential process or product risks and failures. Collecting and analyzing data to determine the cause of a failure, often with the goal of determining corrective actions or liability, plays an important discipline in many branches of manufacturing industry.

In the April meeting, we will go over a brief overview of the failure analysis, with several case study and samples. We will get back to the basics of material science.

Wild men who caught and sang the sun in flight,
And learn, too late, they grieved it on its way,
Do not go gentle into that good night.
-Dylan Thomas

---

810th Technical Meeting:
April 26th 2018, Thursday

Program:
6:15 pm Networking
7:00 pm Dinner
8:00 pm Presentation

Cost:
Members: $35.00
Guest: 40.00
Students: 15.00

Chapter Election will be held on April Meeting

Location:
Meson Madrid Restaurant
343 Bergen Blvd, Palisades Park, NJ 07650

Website of Meson Madrid:
https://www.mesonmadrid.com
Speaker Bio: Chris Rasmussen
Chris Rasmussen holds a BS/MS degree in Materials Science and Engineering from the University of Michigan and has a diverse career in Automotive and Medical Device supporting metallurgical and polymeric properties and failure analysis. Today’s talk gets back to basics for Failure/Fracture/Metallurgical analysis for metallic and plastic components and should be interactive for the attendees to comment and bring their examples.
Welcome New ASM Metro NY-NJ Chapter Members & Transfers:

Manuel Alvarez
Michael Garcia Columbia University / APAM
Archana Gujjari Texas State University
Dan Krackovic Precision Gear Inc
Dr. Jochonia Nxumalo Global Foundries Inc
Sweta Pendiya Global Foundries Inc
Dr. Zhigang Song Global Foundries Inc
Christine Rooney Carnegie Mellon University
Frank Zimone Angstrom Sciences Inc

We are looking forward to seeing you at the meetings; and, as always, the first dinner that a new member attends is complimentary.

ASM Metro NY-NJ Chapter 2017-2018 EXECUTIVE COMMITTEE

Chairman: Chris Rasmussen Stryker
Vice Chairman: Dr. Igor Sevonkaev Praxair
Secretary: Alfred Snowman Retired - Praxair
Treasurer: Victor Megerman VHAM Associates
Immediate Past Chairman: Larry Abernethy BASF Catalysts, LLC

DIRECTORS

Term through 2018
Nikhil Gupta N.Y.U., Tandon School of Engineering
Satish Punj Consultant
A. Daniel Zumaran Port of NY & NJ Authority

Term through 2019
Colin McCaul Retired Consultant
Dr. Roumiana Petrova NJ.I.T.
Krishnakant Patel Retired Consultant

Term through 2020
Kim Benson-Worth General Magnaplate Corp
Dr. Richard F. Lynch Lynch & Associates
Zunjian Yang AEIS LLC

Term through 2021
Michael Gershkovich Consultant
Dr. Veljko Samardzic N.J.I.T.
Dr. Robert Sherman Applied Surface Technologies
Pierre Taubenblat Promet Associates

ADVISORY BOARD

Herbert Goldenberg
Dr. Edward R. Buchanan

AEIS LLC
Buchanan Metallurgical

Please Support Your ASM Metro NY-NJ Chapter Newsletter Advertisers

Newsletter Contact info:
Victor Megerman victor.megerman@verizon.net

Newsletter designed by Zunjian Yang (Zunjian.yang@gmail.com). All right reserved by ASM International Metro NY NJ Chapter.