



The Link Newsletter

Notre Dame Chapter

A 5-Star Chapter



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January 18, 2005

Selecting Alloys for Medical Implantation: Strength and Corrosion Resistance of Biodur 108 Alloy

A technical paper discussing the strength and corrosion resistance of the Biodur 108 alloy will be presented by Mike Walter of Carpenter Technology Corporation, Specialty Alloy Operations Division. Biodur 108 is currently used in medical applications to overcome nickel-allergy problems associated with the use of conventional stainless steel alloys.

Biodur is a nickel free high nitrogen austenitic alloy developed by Carpenter Technology Corporation. It depends primarily upon its high nitrogen content of approximately 1% to maintain its austenitic structure. The high nitrogen content also provides high strength and corrosion resistance.

Biodur 108's strength, corrosion resistance and biocompatibility properties will be compared to two other common medical use alloys; Biodur 316LS (ASTM F138) and Biodur 22Cr-13Ni-5Mn (ASTM F1314)

**Make reservations no later than
Monday, January 17th**

Time: 6:00 PM Social Hour
6:30 Dinner
7:00 Lecture

Location: The Boathouse Restaurant
700 Park Avenue
Winona Lake, IN
Phone: (574) 268-2179

Cost: Members and Guests \$20
Students: \$10

Dinner Choices:

Garlic & Herb Chicken (8 oz)

Grilled chicken breast topped with a garlic and herb-seasoned butter. Served with seasonal vegetables and smashed potatoes

Salmon Fillet (8oz)

Broiled salmon fillet topped with a lobster cream sauce. Served with seasonal vegetables and smashed potatoes.

Roasted Red Pepper Pasta

Linguine noodles, mushrooms and grilled chicken sauteed with a roasted red pepper and parmesan cheese sauce. (May be ordered as a vegetarian dinner without the chicken)

Reservations:

For reservations or further information, contact Larry Lapp, llapp@ctscorp.com, (574) 293-7511 or Jon Oram at jono@steelwarehouse.net (574) 236-5161

Directions to the Boathouse Restaurant can be found on page 2.

Chapter Officers: Charles Parker - Chairman (574) 231-2810; Larry Lapp - Vice Chairman (574) 293-7511; Jon Oram - Secretary (574) 236-5161; Walt Hornberger - Treasurer (269) 683-5208; Patric Foster - Past Chairman (269) 982-2266
Board Members: Ed Cataldo, Jim Hendricks, Jim Chan, Lori Culver, Rick Gordon, Frank Metelka



Boathouse Restaurant
700 Park Ave.
Winona Lake, IN

From South Bend - Take US 31 South to US 30 and go East to Indiana Rt 15. Go South on SR 15 to Center St. Go East on Center St to Argonne; South on Argonne to Kings Hwy; almost straight across Kings Hwy to Park Ave. The Boathouse Restaurant is approximately one block South.