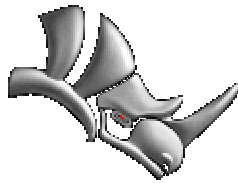




DESIGN SYSTEMS & TECHNOLOGIES

NAVAL ARCHITECTURE & MARINE ENGINEERING SOFTWARE & SERVICES

Rhino3D + Flamingo Seminar page 1 / 5



GENERIC SURFACE MODELING AND RAY-TRACING / RADIOSITY RENDERING



RHINO 3D + FLAMINGO INTERMEDIATE / ADVANCED TRAINING SEMINAR

Antibes - Sophia Antipolis, 6-7 May 2002

by McNeel Europe (E) & Design Systems & Technologies (F)

Mediathèl Hotel in Sophia Antipolis (06), Route des Crêtes, tel +33-(0)4-9294 6800

Speaker:

Mr. Carlos PEREZ - McNeel Europe (E)

SEMINAR LANGUAGE, LANGUE, LINGUA, IDIOMA

Seminar language will be English
> traduction en Français disponible
> traduzione in Italiano disponibile
> traducción en Español disponible



NB: Design Systems & Technologies est formateur agréé, vous pouvez donc demander le soutien financier de votre établissement de formation, continu pour les frais de séminaire

IMPORTANT

FRANÇAIS:

> Ce séminaire est conçu pour utilisateurs des niveaux au moins moyen. Utilisateur de niveau moins élevé, veuillez contacter Design Systems pour plus d'information.
> Les places seront limitées pour assurer l'efficacité de la session de formation (travaux pratiques)
> Les participants devront amener leur propre ordinateur (portable de préférence)
> Les participants recevront une remise de 10% sur tout achat Rhino3D, Flamingo, AccuRender ou Phaser avant le 31 Mai 02

ENGLISH:

> This seminar is designed for users of at least intermediate level. Other users, please contact Design Systems Technologies for more information.
> The number of available seats will be limited to ensure maximum effectiveness of the hands-on training session.
> Participants are required to bring their own (lap-top) computer.
> Participants will receive a 10% reduction on Rhino3D, Flamingo, AccuRender or Phaser purchases before 31 May 02.

ITALIANO:

> Questo seminario è destinato ad utenti di livello almeno medio. Utenti di altro livello, vogliate contattare Design Systems & Technologies per informazioni ulteriori.
> Il numero dei partecipanti sarà limitato per assicurare l'efficacia della sessione di formazione pratica.
> I partecipanti dovranno portare il proprio computer (si raccomanda un portatile).
> I partecipanti riceveranno una riduzione del 10% sugli acquisti Rhino3D, Flamingo, AccuRender o Phaser entro il 31/5/02.

150 Rue de Goa, 06600 Antibes, France - tel +33-(0)4-92 91 13 24 / fax +33-(0)4-92 91 13 38 / e-mail ds-t@ds-t.com

SARL 50 000 F / RCS B 418 774 345 / APE 742 C / TVA CEE FR 96418774345



ESPAÑOL:

- > El seminario está dirigido a usuarios de nivel intermedio. Contactar DS&T para más información sobre otros niveles.
- > El numero de plazas disponible es limitado, con el fin de asegurar la eficacia de las sesiones practicas.
- > Es necesario que los participantes traigan su propio ordenador (se recomienda portátil).
- > Los participantes se beneficiarán de un 10% de descuento en la compra de Rhino3D, Flamingo, AccuRender o Phaser antes del 31 Mayo de 2002.

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RHINO3D v.2

Rhino3D is today the most popular and easy generic surface modeller available. Start with a sketch, drawing, physical model, or only an idea - Rhino provides the tools to accurately model your designs ready for rendering, animation, drafting, engineering, analysis, and manufacturing. Rhino can create, edit, analyze, and translate NURBS curves, surfaces, and solids in Windows. There are no limits on complexity, degree, or size. Rhino also supports polygon meshes.

Special features include:

Uninhibited free-form 3-D modelling tools like those found only in products costing 20 to 50 times more. Model any shape you can imagine.

Accuracy needed to design, prototype, engineer, analyse, and manufacture anything from an airplane to jewelry.

Compatibility with all your other design, drafting, CAM, engineering, analysis, rendering, animation, and illustration software.

Read and repair extremely challenging **IGES** files.

Accessible. So easy to learn and use that you can focus on design and visualization without being distracted by the software.

Fast, even on an ordinary laptop computer. No special hardware is needed.

Affordable. Ordinary hardware. Short learning. Priced like other Windows software. No maintenance fees.

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FLAMINGO for RHINO3D v.2

Flamingo brings the features of AccuRender's **raytrace** and **radiosity** rendering technology to Rhino.

Rendering - Photometrically accurate images with reflections, refraction, diffusion, translucency, transparency, color bleeding, shadows, depth of field, depth attenuation, ClearFinish™, and indirect lighting.

Animation - Viewpoint animation for walk-throughs and fly-bys, and sunlight animation for shadow studies.

Other features - Procedural clouds, fractal-generated 3-D plants, procedural 2-D and 3-D materials, progressive-refinement for quick preview, and extensive material, plant, and background libraries.

Hardware requirements - Flamingo run inside Rhino and has the same hardware requirements. Rhino with Flamingo runs on ordinary Windows desktop and laptop computers, with:

- Pentium, Celeron, or higher processor.
- Windows 95/98/NT/ME/2000/XP for Intel or AMD.*
- 40 MB disk space.
- 64 MB RAM. More is recommended.

**Rhino and Flamingo will NOT be ported to any other operating system.*

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SESSION SCHEDULE

- > 6 May - review of software features to be covered and hands-on session
 - * Introduction - course objectives
 - * Customizing workspace, toolbars and buttons
 - * NURBS Topology
 - * Curve creation
 - * Surface continuity
 - * Advanced surfacing techniques
 - * Open Question & Answers
- > 7 May - review of advanced software features and hands-on session
 - * Using background bitmaps
 - * Different approaches to modelling
 - * Using 2D drawings
 - * Sculpting
 - * Troubleshooting
 - * Making meshes from NURBS objects
 - * Rendering with Rhino
 - * Rendering with Flamingo
 - * Open Question & Answers

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DESIGN SYSTEMS & TECHNOLOGIES



www.ds-t.com

Active exclusively in the ship design and ship building industries for over 15 years, we have equipped over 400 companies in Europe alone with specialized software. We also provide expert training, technical support and engineering services to our customers. DS&T is not simply a software vendor, but rather a long term, supportive partner.

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COST

Participation to the 2-day seminar will cost Euro 995 per person, payable in advance (includes lunch on both days).

Paid registration before April 12 receives a 10% discount.

Lunch on both days is included in the participation cost.

NB: le prix de 995 € est hors taxes. Les participants Français devront y rajouter la TVA à 19.6%, soit 195 €. Ceci sera indiqué sur la facture.

VERY VERY IMPORTANT !!!

Payment is to be completed in advance.

Registration will not be accepted if a telefax and telephone number, and a European VAT number are not indicated.

Payment by credit card is strongly encouraged: accepted cards are Visa, Carte Bleu, MasterCard, American Express and Diners Club.

Registration for the hands-on training sessions will not be accepted and confirmed without payment.

Corresponding invoice and receipt of debit transactions for credit cards will be sent with confirmation of registration acceptance.

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REGISTRATION

The number of available seats is limited, and will be assigned on a first-come first-served basis.

It is easy to register: simply fill the registration form at the end of this document, and fax it or e-mail it to Design Systems & Technologies today.

Upon acceptance, the registration form will be FAXED back to the accepted participant.

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LOGISTICS

> Travel: nearest airport is Nice, nearest train station is Antibes, by car take Autoroute A8, exit 44 Antibes

> Hotel Mediathel, Route des Crêtes, Sophia Antipolis, tel +33-04-92 94 68 00 / fax +33-04-93 65 43 41 / e-mail info@mediathel.com / www.mediathel.com

> also see appended map

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QUESTIONS ?

Please contact Design Systems & Technologies today.

I look forward to seeing you there,

Sincerely,

Nick DANESE

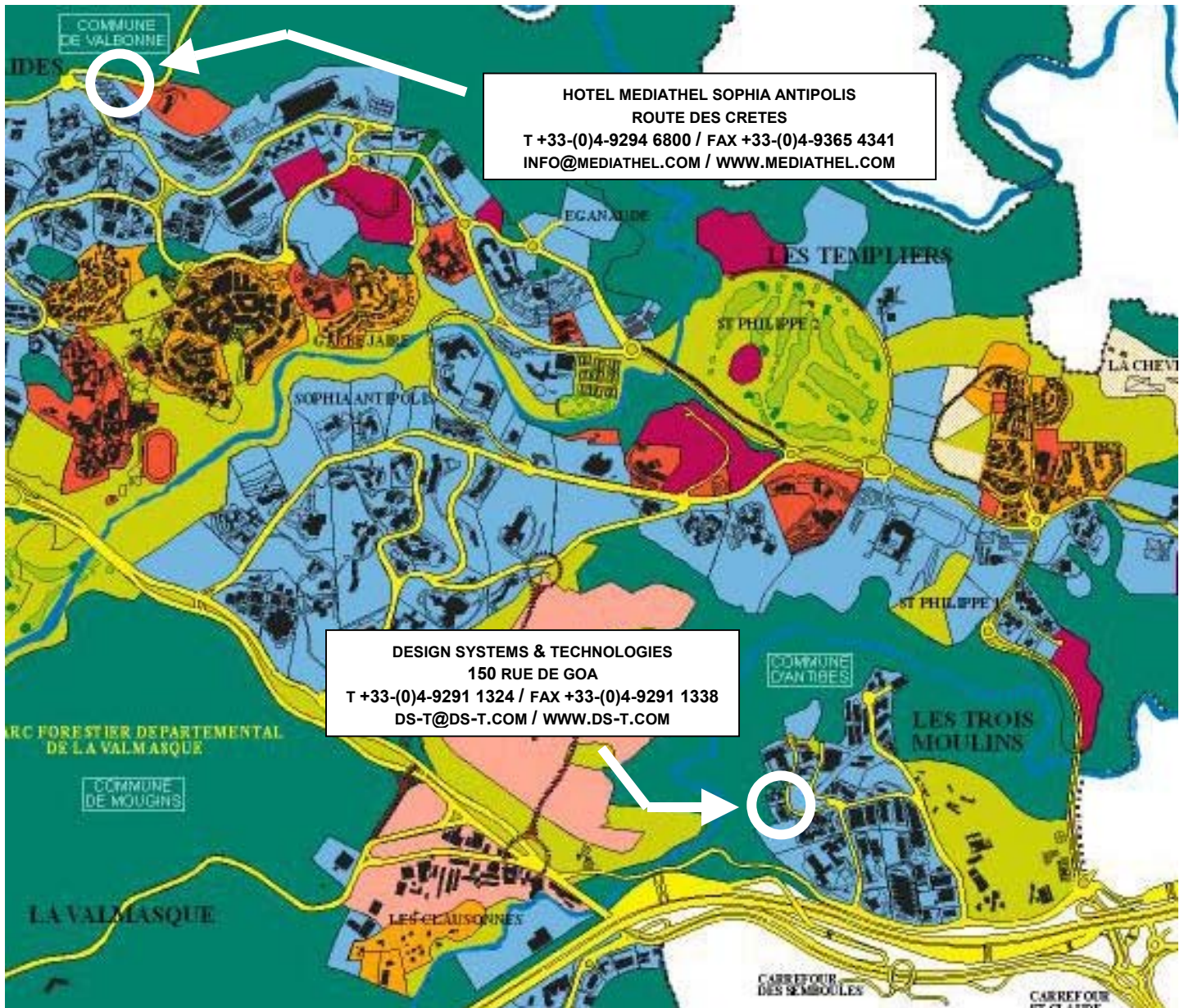
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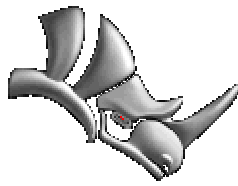
Design Systems & Technologies

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REGISTRATION FORM

Company name :

European VAT number:

Name(s) of participant(s):

Telephone number(s):

Telefax number(s):

E-mail addresses(s)

Payment by (select one): Credit Card Bank transfer

Credit Card details: Visa / Carte Bleu / MasterCard / Amex / Diners (select one)

Card Number

Expiration date

Card holder name (company and person)

Signature of card holder

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QUESTIONS ?

Please contact Design Systems & Technologies.
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