

KOKORO NEWS No.72 2009.11

Dynamically focusing on ancient Katsuyama
The largest monument in "Dinosaur Valley"

Brachiosaurus

Road Parking "Dinosaur Road" (in Fukui Prefecture)

Giant and towering dinosaur monument

The statue of Brachiosaurus is approx. 10m tall. It is modeled on sauropod dinosaurs which were found in the third excavation in Fukui Prefecture. The magnificent figure can be seen from the National Road 416 and is becoming a hot topic with a high eye-catching effect. It is located in an excellent place with the Hakusan Peaks and the big silver egg "Dinosaur Museum" for a background. This place is gaining much popularity as a new dinosaur spot.

The realistic dinosaur monument by Fukui Prefectural Dinosaur Museum was completed as part of the promotion of "Dinosaur Valley" in Fukui Prefecture.



Particularly, supervisors paid special attention to the legs. The legs are based on repeated consideration on the skeleton, the flesh and the shape of cuticle. In addition, you can see the dinosaur's footprints on the base.



The silver dome gleaming in the Hakusan Peaks is the Fukui Prefectural Dinosaur Museum. It looks like a dinosaur's egg when seen from in front of the monument.



The face is like this. It can hardly be seen because it is placed high in the air.



The unveiling ceremony was held on July 10, 2009. When Brachiosaurus was unveiled, it was surrounded by a roar of cheers from preschool kids who were invited as guests.



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KOKORO COMPANY LTD

Tel: +81 3-3779-8506 Fax: +81 3-3779-8426

20F Osaki New City TOC Building No.1,1-6-1,Osaki, Shinagawa-ku,Tokyo 141-8603 JAPAN

web: <http://www.kokoro-dreams.co.jp/english/index.html>

Intelligent Interaction Icon Robot

NEW PRODUCT I-FAIRY

As its name suggests, I-FAIRY is an information robot based on the image of a lovely fairy. It's a very adaptable robot which can be used for various purposes such as serving as a receptionist at the entrance or making product promotion in the exhibition booth. You can easily change I-FAIRY's movements by yourself with dedicated software. Not only that, you can make it utter by using synthesized voice generated from input text. The flexible and user-friendly software makes it possible to easily change its performance according to the reaction of the audience. I-FAIRY is a more easy-to-handle, convenient, low-cost and high-capability robot than ever before. It creates a future where the relationship between human beings and robots get much more intimate. Orders for purchase and rental are now being accepted.



The product announcement date of I-FAIRY has been fixed!
2010 International Consumer Electronics Show (CES) in Las Vegas, January 2010

The promotion of I-FAIRY will start in coming January under cooperation of Japan External Trade Organization (JETRO). It will be introduced as a new-generation Japanese robot in various exhibitions and events in the U.S.

Future schedule
 April, 2010 RoboBusiness (in Boston)
 Cherry Festival (in Washington, D.C.)
 May, 2010 Japan Day (in New York)

I'm looking forward to seeing you!

News Flash!



"I" of I-FAIRY means "Intelligent" and "Interaction". It has scalability which can support a wide range of applications including voice interactions and flexible responses based on the situation.

Part of the exhibition is introduced here!



Arm which starts to move

The android arm moves with surprising life-likeness. It is "internal mechanical parts" and "soft external facing" that have achieved the realistic movements. These two important keywords in the production of androids are focused in this exhibition.



Skin and mechanical parts of the Actroid

You gradually get closer to the heart of the Actroid pursuing the secrets of skin, which covers the external surface of the Actroid, and mechanical parts, which support the inside of the Actroid.



Making an ultimate beautiful woman!

Seeking for the ultimate beauty, great attention is paid to the external parts and finishing of the Actroid. Tools, materials and know-how used to make this ultimate beautiful woman are revealed in a great way!



Actroid MOVIE!

You can act with the Actroid as either a director or an actor on the dreamy stage of "Actroid MOVIE!". With simple teaching of the Actroid, you can move it by yourself.

NEW RENTAL Special robot exhibition How to make an android

"Large dictionary of the Actroid"

"How to make an android" is a special robot exhibition which is produced by Kokoro, builder of "Actroid" series humanoid robots which have achieved worldwide prominence as life-like female-type androids. We will develop the exhibition focusing mainly on the Actroid this time.

You can learn about the development process of the Actroid looking at parts actually used for it and explanations about it. The exhibition is full of first-disclosed information including a war story about its production, a secret story about its development and a story about surprising efforts to express more "human-likeness" by developers of the Actroid. Please use the exhibition not only as the entertainment event but also for robot education.



Explosion of funny talk between two dinosaurs NEW RENTAL



Dinosaur Talk Show

Various images displayed on the monitor between two dinosaurs make the show more exciting.

Dinosaurs talk to each other!? The staging has a strong impact! The dialogical talk show can fully entertain the audience with various dialogues including a comic dialogue between two dinosaurs and guidance by the dinosaurs in accordance with the video images on the monitor. The dinosaurs become more attractive by being "talkative". You can use them for various purposes. Also, please feel free to inquire about the production of original scenarios and videos.

Part of the basic scenario is introduced here!



You're so rude!
 A nose placed on the forehead has special meaning for me to eat plants well.

Are you really a plant-eating dinosaur? I thought you were meat-eating because you have such a brutal face which even scares me! Anyway, what a big nose!



Miracle encounter with the ancient dinosaur!

The live show gained much popularity with the audience saying "It's as if we were interacting with an intelligent dinosaur!" By changing the dinosaur's movements according to talking voice and reaction of the audience, we achieved dynamic staging in which the audience were able to feel as if they were actually communicating with the dinosaur. The live show of Tyrannosaurus was the main attraction of the dinosaur exhibition held in Ocean Park, the large amusement facility in Hong Kong this summer. It received a compliment "It's the most interesting show ever!" We offer the rental package as an attractive content which would surely pull in many visitors.

Stage made by an interactive dinosaur and the audience!

Special dinosaur live show

NEW RENTAL



Live show in "Ocean Park", Hong Kong

* As for the dinosaur exhibition held in "Ocean Park", see also page 5.

Kokoro's animatronics played active roles nationwide again this summer!

2009 Summer Rental

Oct.10 ~Nov.8

Planning exhibition at the Tottori Prefectural Museum

Let's try! Brain Puzzle Box Tottori Prefectural Museum (in Tottori Prefecture)



Let's try 8 zones themed on mystery of mathematics! With hands-on exhibits, you can deepen your understanding about mathematics with having fun. Not only children but also parents can join the interesting activities.



Two gorilla robots take you into a world of mathematics!

Two gorilla robots (a furred one and a mechanical one) appeared as guides at the entrance! They brought a lot of excitement to visitors by showing a demonstration using "Linked two pairs of handcuffs", one of the exhibits in this planning exhibition. Did they succeed in unlinking the handcuffs?

Aug.15 ~Aug.19

Special Exhibition at the Hamamatsu Science Museum



Various state-of-the-art robots met together at the event "RoboWorld 2009" held in Hamamatsu City. Among them, the Actroid-DER3 gained special attention because it was the only female robot there. There was an endless line of visitors who took pictures of it.



*RoboWorld 2009 was held between July 25 and August 30. The Actroid-DER3 appeared during the period August 15 ~ August 19.



The baby Tyrannosaurus played an active role as a PR mascot of ENGINEER INC.'s main product "Neji-saurus" (screw pliers). It achieved popularity for the lovely appearance with a red ribbon on the head and a big screw held in its teeth

JAPAN DIY HOMECENTER SHOW 2009 ENGINEER INC. booth

Makuhari Messe International Convention Complex (in Chiba Prefecture)

Aug.27 ~Aug.29

Jul.19 ~ Aug.25

Is it true? Let's see the insect world!

Exciting Insect Adventure Sendai Science Museum (in Miyagi Prefecture)



Children were surprised and excited to see a powerful jump of the giant locust!



Even honeycombs were re-created around the giant hornet.

Aug.1 ~ Aug.20

"Animalopolis"

Fukui Children's Science Center (Angel Land Fukui)(in Fukui Prefecture)



The members of the "Animal Robot Band" gathered at Angel Land Fukui to promote the movie "Animalopolis"! The harmonized sound created by five animals warmed up the site!

*The astrovision movie "Animalopolis" was screened from July 18 to November 3.



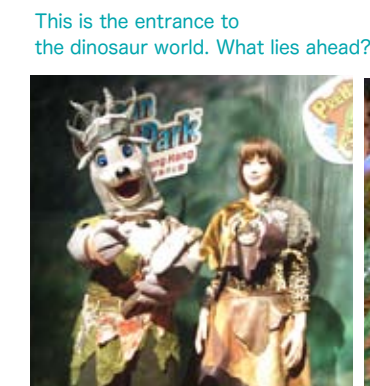
Jul.1 ~ Aug.31

Prehistoric Summer Splash 2009 Ocean Park (in Hong Kong)

The opening event of "Prehistoric Summer Splash 2009" was highly successful being picked up by the local media. The live show with dialogue between Tyrannosaurus and a human MC, which was introduced as a new attempt, gained great success! A lot of visitors rushed to the site to see Tyrannosaurus.



Visitors made a long line to take commemorative photos with Tyrannosaurus, the king of dinosaurs, after talking with it at the live show.



The Actroid-DER3 appeared with a costume of a primitive!



Visitors were welcomed by Triceratops with powerful big horns.



The thoroughly-built set enhanced realistic sensation!

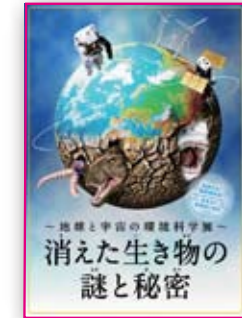


Kids were very much excited to see a dinosaur up close!

Jul.18 ~Aug.31

Environmental Science Exhibition of the Earth and Space

- The Mystery and Secret of the Creatures that Went Extinct - National Museum of Emerging Science and Innovation (in Tokyo)



It's the event to learn about the history of creatures which have repeated extinction since the ancient time, environmental change which brought their extinction and environmental countermeasures such as the realization of a low-carbon society.



The beautiful display makes you feel as if it was under water.



The most popular Tyrannosaurus also appeared!

Many other events were held!

OBS Summer Special Big Dinosaur Exhibition Jul.18 ~Aug.17
Oita Prefectural Art Center (Museum & Hall) (in Oita Prefecture)

3D Wonderful Planet - Extinction! Global Animal Guide Jul.18 ~Aug.24
Koriyama City Fureal Science Center "Space Park" (in Fukushima Prefecture)

Great Dinosaur Empire Trip to the world of giant moving dinosaurs -Beyond time and space- Jul.18 ~Aug.31
ATC Hall, Osaka South Port (in Osaka Prefecture)

Wonder, surprise and discovery Surprising Big Insect Exhibition Jul.30 ~Aug.17
Tobu Utsunomiya Department Store (in Tochigi Prefecture)

May 21 ~May 23

The 22nd Technological Exhibition for Small & Medium Enterprises in Ishikawa Prefecture

Ishikawa Prefectural Industrial Exhibition Center (No.2 Building) (in Ishikawa Prefecture)



The "Actroid-DER3", the latest model of the Actroid series, appeared for the first time in Japan! It welcomed the guests at the entrance.

"Look at my nice body!" The Actroid-DER3 struck a cool pose.