

Welcome Note From Dr. Mani Bhaumik, creator of the TV Show, Cosmic Quantum Ray

As a physicist, I never cease to be amazed by the wondrous revelations of science, specifically in quantum physics and cosmology. I remain as thrilled by these discoveries as I was when, as a boy, I first became aware of the story in the stars. The human spirit is generous, and when we feel passionately about our own discoveries, we wish to share them with others. Who better to share them with than young people of all nations, and what better medium of conveyance than the one they universally embrace: television?

We all know how much TV children watch, particularly during the critical learning phase of ages 5 to 11. We also know that they are not especially keen on educational programming. Despite the best efforts of millions of well-meaning parents, the suggestion to switch to a nature or science program will generally be met with a groan. What children seem to crave is a kind of passive stimulation, and it is disturbing to see that what programmers deliver to them often includes gratuitous violence, intolerance, and large doses of cynicism. The gutter rather than the stars.

But suppose we could utilize that same "passive stimulation" to deliver the seeds of inspiration? The discovery of planets outside our solar system—to name just one example—is rife with narrative possibilities. Some time back, I began pondering how we might use television to redirect children's' fascination. I am delighted to say that the result was production of the exceptional, animated TV series, *Cosmic Quantum Ray*.

I realized that the only way we could prevent the children from changing the channels was to capture their imaginations with an entertaining story line which incorporates the time-tested elements of action, adventure, and humor. The scientific facts are subtly woven into the fabric of the story and made manifest by the action of the characters, the threats they face, and the new realities they discover. For example, if a fictional arch villain manages to steal some of earth's gravity for profit, catastrophic events result. Our heroes—the enforcers of natural law--charge to the rescue and foil the evil plan with science, returning everything to normal. If we have done our job well, this "edu-tainment" will leave its young viewers curious about the role gravity plays in keeping our entire universe together.

Of course, storytelling craft requires that we take some artistic license. But we have been careful to avoid downright science fiction, favoring instead what I have called "science faction"—things that have either been demonstrated or are strongly supported by established theories. An

example: worm holes are one perfectly valid solution of Einstein's equation.

Mike Young is a visionary who has successfully produced some highly acclaimed edutainment shows through his independent production company. To our great delight, he liked our idea right away and we jointly produced a demo. After seeing the demo at MIPCOM in Cannes, KI.KA decided to join us in co-producing this fantastic project to stimulate children's interest in science. We congratulate KI.KA for their remarkable vision and wish for an outstanding success in Germany.

Brief History of CQR

- 1. The idea behind the creation of CRR, developed by Dr. Mani Bhaumik, was to spark interest of the youngsters and anyone interested in Cosmology, Quantum physics and science in general.
- 2. The process started over 10 years ago with hits and misses. Several Story Bibles were created, at lease 5 different versions on the characters' probably hundreds of different outlines, synopsises and premises. Dozens of doors were knocked, but nothing happened until we met Mike Young at Mike Young Productions (currently SPLUSH Entertainment).
- 3. Dr. Bhaumik introduced everybody to the idea, and it was his passion that transformed everyone and ignited everyone involved with the same passion to make it happen.
- 4. So the process of making the CQR began in Spring of 2006. If you know anything about the animation production pipeline, you know how much work it involves...
- 5. CQR became an international co-production between Taffy Entertainment/Mike Young Productions, Method Films, M6, KIKA/ARD, Europool, Telegael, SKC&C, UTV/Maya Entertainment and Ocean Productions, Inc.,
- 6. In November 2007 Animania HD was a 1st network in US to broadcast CQR. From that moment dozens other countries bought CQR including Neo Network Italy, Canal Panda Portugal, Jetix/Disney Latin America, TV2 Denmark, E-Junior Middle East, Faimead Africa, ARES Media Turkey, Noga Israel and many, many more.
- 7. And finally on October 10, 2011 CQR finally found his way back home to one of the major cable networks in US the HUB, entering over 60 million homes.
- 8. In May of 2009 CQR received a prestigious **Pulcinella Award** the biggest in Animation world, equivalent to Emmy Awards for TV here in US. Also, later that year prestigious **The Hugo Award**, Certificate of Meritfor Animated TV Series.
- 9. Also, CQR was chosen as an official program for International Year of Astronomy in 2009, an event declared by UN General Assembly and administered by UNESCO.

Animation Magazine

Home » Television

Animania HD Acquires Three Toons

Monday, October 22, 2007 By: Ryan Ball



VOOM HD Networks' Animania HD, a channel dedicated to high-definition animation, has picked up three new kids shows to launch in November. *Animalia* will premiere on Friday, Nov. 2 at 8:30 p.m., followed by short-form series *The Glops* on Saturday, Nov. 3 at 9 a.m., and *Cosmic Quantum Ray* on Wednesday, Nov. 7 at 8 p.m.

Based on Graeme Base's best-selling picture book of the same name, *Animalia* consists of 40 half-hour episodes. Produced by Australia's Burberry Prods. in association with PorchLight Ent., the series revolves around two contemporary kids, Zoe and Alex, who visit an extraordinary land inhabited by talking animals. Mysterious events have undermined the very fabric of Animalian civilization and Zoe and Alex, along with their new best friends

G'Bubu Gorilla and Iggy D'Iguana, will do everything they can to restore peace and order to the realm.

The Glops from Neptuno Films is a dialog-free series that stars a lovable family of aliens poised to invade planet Earth. Preschool viewers are encouraged to join in as the Glops play guessing games with sounds based on various scenarios and riddles depicted by different characters in each episode. The series of shorts will air during the preschool programming block Little Big Blocks.

Animania HD has picked up 26 half hours of *Cosmic Quantum Ray*, which is described as a zany comedy-action-adventure series that brings the strange, dark, freaky corners of the universe to the world of Earthling teenager Robbie Shipton. Robbie represents Earth as a member of Team Quantum, an elite, eccentric team of intergalactic heroes that saves the Universe almost every day. The gang battles evil, brilliant aliens, cosmic surfers and more in this CG series created by and developed in partnership with world-renowned quantum physicist Dr. Bhaumik. The show is an international co-production from Taffy Ent./Mike Young Prods., Method Films, M6, KIKA/ARD, Europool, Telegael, SKC&C, UTV and Ocean Prods. Inc.

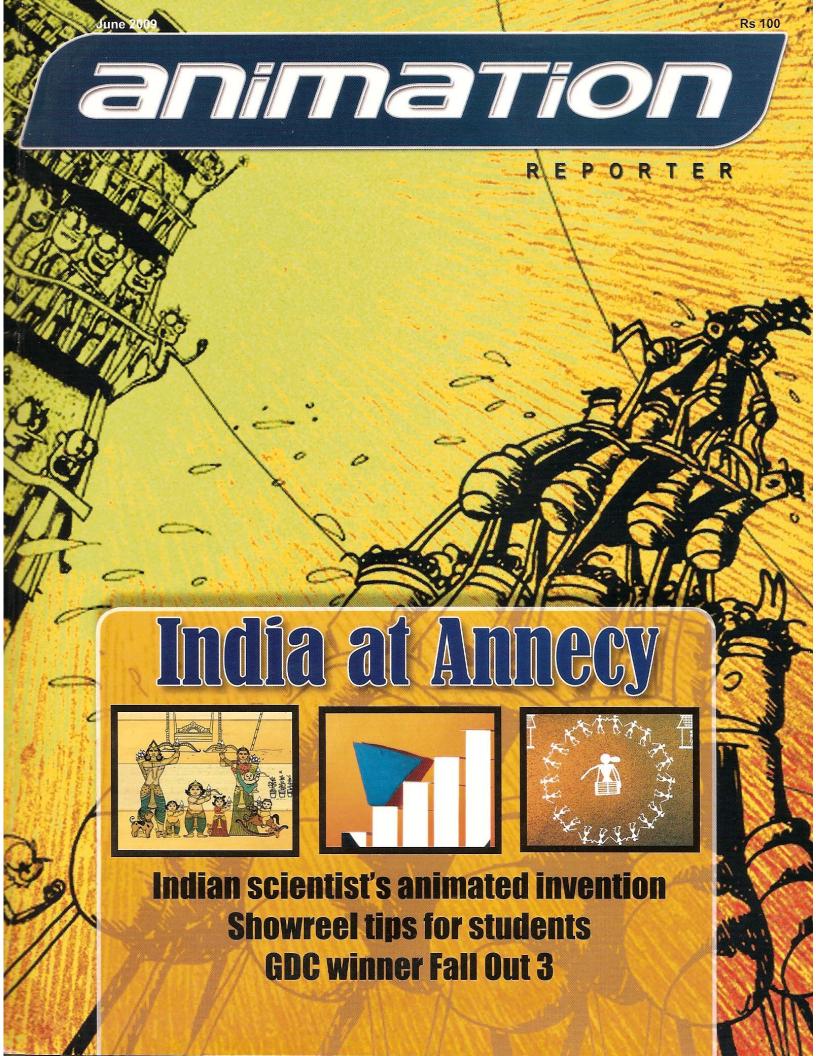
Reader Comments

Dennys McCoy: Writer/Producer: Hickey-McCoy Productions

Monday, October 29, 2007

You fail to mention that the series was developed by Pamela Hickey & Dennys McCoy, who also story-edited and produced the series with Mike Young Productions.

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He's here and He's Quantum

Indian-born physicist
Mani Bhaumik's invention
of the technique behind
Lasik eye has helped
millions. His creation
Cosmic Quantum Ray which
was co-produced
by Maya Entertainment has now won
the Pulcinella Awards.
Roxanne Mehta finds
out what went behind
the scientist's artistic vision
coming to life

here was a village schoolboy in West Bengal who often found himself daydreaming of a white castle on a hill. Something told him that math and science would pave the bricks for the path up there. He walked over seven kilometers to the nearest school everyday and made the most of his education. He got his Ph.D. in Physics from IIT Kharagpur and went on to make leaps in the field of physics.

His efforts resulted in the invention of Lasik eye surgery, which has saved the eyesight of many across the world. The latest invention from the scientific quarters of his mind is a program that aims to entertainingly educate. His idea has given birth to Cosmic Quantum Ray, a TV series that has bagged the Best TV Series Award at the Cartoons on The Bay Pulcinella Awards.

Mani Bhaumik has had a life-long infatuation with his subject matter and has tried to bring a clearer understanding of it to people across the world. He says, "In my lectures and other interactions, I have been rather surprised to find people genuinely hungry for knowledge. The children, of course, take it without pre-

conceived notions. The challenge is to get them interested." And his passion that he

received from mentors like Satyendra Nath Bose of the Bose-Einstein Statistics fame has seen him overcome this challenge. He believes in dispersing the seeds of scientific knowledge, which is not always easy to water and cultivate by an 8 to 12-yearold age group or physics-phobic adults. "Since children like to watch a lot of cartoons before school — when breakfast is being prepared and after school when dinner is getting ready — I thought I have to find a way to get them interested through that popular vehicle. I also was very aware that TV is an entertainment box to them: they would not be keen on learning science from TV. So, I focused more on sparking their interest in science through a story line that included action, adventure, and humour, injecting some cufting edge elements of science whenever the opportunity arose. I am happy to see that apparently I have succeeded in creating a new paradigm for science edutain-

US-based Mike Young Productions and Maya Entertainment Limited teamed up to bring Bhaumik's idea to life. The show has been directed by Andrew Young of the 'Pet Alien' fame. Cosmic Quantum Ray is a comedy action-adventure series about a supremely unconventional team of superheroes who wander into the fantastic and not so fantastic corners of the Universe. Bhaumik had originally registered the show with the title 'Captain Cosmos' as the defender of the natural laws of the Cosmos, but trademark issues called for a renaming process.

ment," says Bhaumik.

The challenge for Cosmic Quantum Ray was that it had to satisfy the trained scientist's desire to stick to facts with an art form that had to necessarily entertain. Bhaumik says, "The challenge (for more research) was how to take some artistic license to make it exciting for children without misleading them into science fiction, but rather keep the show anchored in science-faction. We only took artistic licence when some idea was theoreti-

cally sound but has not been demonstrated. For example, worm holes are perfectly valid solutions of Einstein's equations, although it has not been demonstrated yet in reality. We used worm holes extensively for time travel to make the show more thrilling." What helped the creators was that some quantum facts are quite close to our assumed fiction despite the challenge quantum educational instruction had to be worked into

each of the episodes. Mike Young says that "quantum physics is so far out there that what seems like fiction in the show is actually quantum fact." "We sometimes stop the show for Bucketworth, one of the characters, to have time to illustrate a "quantum fact"." That may also be a reason why at the end of each episode a oneminute segment is devoted to explaining the actual quantum shorts the segment is described.

tum physics theory applied to the plot.

The techniques used to marry quantum fact with TV fiction were standard CGI fare. Maya was extensively used. Young, who is the cofounder of Mike Young Productions savs "Korean giant SKCC Telecom's subsidiary Independence Animation also produced thirteen episodes. We needed a platform that both studios [Maya] could use as well as both having the ability to develop proprietary software for the production. We used Photoshop, Final Cut, Avid HD, After Effects and many other pieces of software in the production." Chetan Desai, Creative Director at Maya Entertainment

Limited, says that the dare lay in creating

never before seen environments of our universe. "The most challenging part was to create the effects and rendering. Huge amounts of data had to rendered and moved from one department to another in a very short time. There were over 350 shots per episode with all kinds of complexities that one does not see in the regular TV shows."

Other challenges faced by the production team were in terms of language barriers, cultural differences, matters of artistic license

and communication between LA, Mumbai, Seoul Korea, Ireland and France despite the internet, Skype, Polycom and phone conferences. Earlier, Mike Young Productions were left in the lurch when UTV closed their animation studio and dropped out of produc-

tion. Maya stepped in to save the day by picking the pieces and starting from scratch. It was an episode

was an episode they produced that won the Pulcinella Award.

The characters of Cosmic Quantum Ray are an interesting bunch. Andrew Young directed the show and working with the Method Film team in France also came up with the charac-

ters. Robbie Shipton looks like any normal school-going teenager brought up with decent Nebraskan (Nebraska is a state in the mid-west of the United States) manners. But looks are deceptive and the truth of this statement is exemplified by Robbie's secret galactic hero avatar. His courage and smarts make him adaptable to

the variety of weirdness that stretches beyond



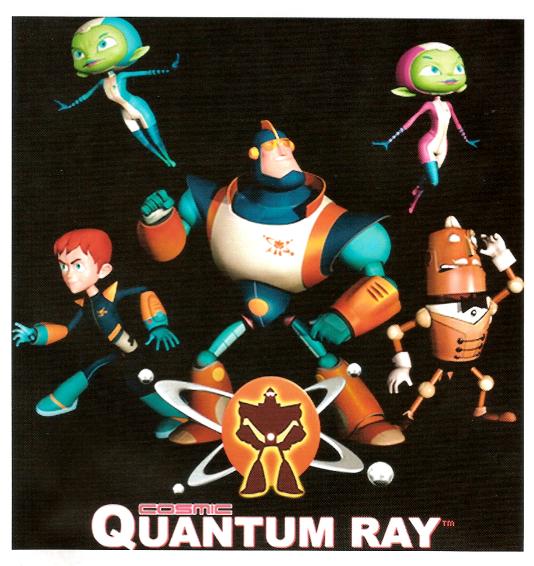
the Stratosphere. Changing into his work uniform is easy. One press of a button on his belt gives his galactic incarnation a Natural Law Uniform and a jetpack. Robbie has a penchant for being tossed into his own locker by the school bully Scott Stotz. This doesn't bother Robbie since his locker has been converted into a technologically advanced, ultramodern internal chamber of sorts. No wonder Earthlings have a hard time believing Robbie's stories that abound with his inter-planetary journeys to safeguard the Universe.

The official leader of Team Quantum is a nine-dimensional character called Quantum Ray who fears nothing except wormholes. Besides the default superhero endowments of exemplary strength and soaring past skyscrapers, Ray can also control and transform his own atoms into titanium, rubber

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or diamond to save a day in the Universe. His elbows, knees and midriff are invisible to all (save alone Ray, the owner of specially designed glasses) because they are all in "Higher" dimensions. Like 9-Dimensional body, like 9-Dimensional mind — Ray's unusual style of thinking makes him appear "weird" or "flakey". Ray and Robbie are fabulous friends who complement each other. Ray affectionately calls Robbie his "faithful human sidekick". Young says, "Quantum Ray himself (played by Tom "Spongebob" Kenny) is a mix of Robin Williams meets Dr. Bhaumik."

The Tooferwun Galaxy that specializes in producing only twins is proud to present Atee and Geecey, the lead—footed pilots of the Quantum— the official spacecraft of Team Quantum. "Double Helix" is their superpower that lies in the large band of uber strong, ultra-elastic



mik happy. When everyone in Hollywood deemed the project too risky to be given the green signal, Bhaumik stood his ground. With an approximate budget of USD 9mn, the series took four years to orbit in preparation before making a winning landing. "Now that an international jury has judged it to be the best new animated TV series of the year, I feel vindicated," he says.

Bhaumik is not some mad scientist with a hairdo that leads to the inference that he might have been at the receiving end of some pretty severe electric shocks. He harbours a spiritual side and has expressed it in two books, 'Code Name God' and 'The Cosmic Detective' which are both international bestsellers. "For the first time in human history, the extraordinary discoveries in science, especially in cosmology and quantum physics are providing answers to some persistent questions about ourselves that used to be in the domain of spirituality. So, I believe the seed of genuine spirituality anchored in science is bound to be planted when children would get enthused to know more about the latest knowledge of the cosmos."

DNA that can seize, launch or catapult scoundrels, meteorites with undefined orbits, and occasionally Ray and Rob. The twins are "connected" on a quantum level, but are powerless when separated. They are very fond of Robbie and his hair fascinates them because apparently Earthlings are the only members of the cosmos who have hair. It is their special job to pin down and envelope Ray when they voyage into those much-dreaded wormholes. Their special game is to give Bucketworth lots of teenage attitude.

Team Quantum has its very own inventor of super-scientific devises in Bucketworth. Being the oldest member of the team with super brains as his superpower, his solid steel body somehow fails to command the respect of his other teammates. Ray has a multi dimensional mind of his own and the twin sisters

share twin opinions of how uninteresting the English gentleman stuck in the metallic body of a lacklustre robot really is. Robbie and his pleasant manners have earned Bucketworth's affection to the extent that he focuses on Robbie at the time of explaining something. He even designed Robbie's glasses that can see invisible rays, look into the sub-atomic universe, or propel red laser beams to target something for Ray. When asked about his favourite character, Bhaumik equates the question to asking a mother to choose between her brood. "To me they are all special," he says. He believes it is more important for viewers to identify themselves with a character. An interesting faction is that Mr. Muncie, the character who plays Robbie's high school teacher is based entirely on Bhaumik's likeness.

Winning the Pulcinella Award makes Bhau-

Bhaumik's interests cover a broad spectrum but he is a scientist at heart. "I would like to devote more time to the greatest but understudied scientific mystery. It is the origin and the nature of existence of consciousness. Science through technology has given us material abundance. I believe it is capable of a more profound impact in improving the quality of our lives through appropriate investigation of consciousness and its application."

There was a village schoolboy in West Bengal who often found himself daydreaming of a white castle on a hill. Something told him that math and science would pave the bricks for the path up there. And today, amongst many of his hard earned accomplishments, is a Pulcinella Award sitting pretty and proud in that castle.

Pictures: Courtesy Cosmotoons

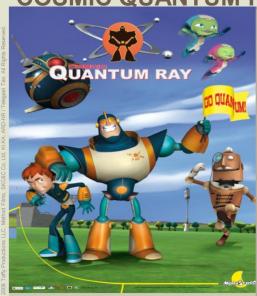




International Ratings

United States, Netherland, Norway

COSMIC QUANTUM RAY



Channel: The Hub (United States)
Period: October - November 2010
Time: 11:00 am (Sat & Sun)
3:00 pm (Mon to Fri)
(sources: Eurodata TV Worldwide / Nielsen Media Research)

Channel: Nickelodeon (Netherlands)
Period: December 2009 - January 2010
Times: 8:40 am & 6:30 pm (Mon to Fri)

(sources: Eurodata TV Worldwide / Stichting KijkOnderzoek (SKO)

Channel: NRK Super (Norway)
Period: Premiere: April 3, 2010
Times: 10:40 am (Sat & Sun)
(sources: Médiamétrie / Eurodata TV Worldwide / TNS Gallup)

Although Robbie Shipton seems to be a "normal" teenager to friends and family, Robbie secretly leads a double life as Earth's representative to Team Quantum – an elite, eccentric team of intergalactic heroes that saves the Universe almost every day, and hopefully in time for Robbie to get to his third-period science class!

In the News:

- UCLA 2010 Mani Bhaumik Award winner is Dr. Andrew B. Newberg, M.D.
- The International Year of Astronomy 2009/Mani Bhaumik Prize for Excellence in Astronomy Education and Public Outreach has been awarded to From Earth to the Universe (FETTU).

In the United States, Cosmic Quantum Ray is broadcast on the digital network The Hub that launched on October 10th, 2010 and replaced Discovery Kids. The weekend broadcasts ranked as the 7th best performing series of the channel within the morning slot 06:00 - 12:00. Thus it outperforms other sci-fi space heroes aired in this slot such as Batman (Batman Beyond), Atomic Betty, and the Men in Black. Cosmic Quantum Ray especially appealed to preschool viewers with more than 43% of the audience 2-11 made up with children 2-5, mainly girls. But, the study of the cumulative audience over 4 countries (Germany, Netherlands, United Kingdom and United States) reveals that the audience is mostly male (57%).

In the Netherlands, *Cosmic Quantum Ray* performed best on weekdays, averaging a 18.2% share in the late afternoon slot, with peaks over 25%.

In Norway, on NKR Super, *Cosmic Quantum Ray* was followed by an average of 30,800 viewers aged 2 and over, including 21,500 children from 2 to 14, for a market share of 23.5%. The program's average performance was roughly equal to that recorded for the slot as a whole. In a favorable scheduling environment, *Cosmic Quantum Ray* emerged ahead of the competition in the target group of children. The program was also scheduled during the week, and enjoyed a viewing peak on Easter Monday, when an average of 89,000 viewers tuned in. Last December, the channel NRK launched an offshoot for children, NRK Super, and has been busy buying animation and nature documentaries for younger viewers. This channel is broadcast on DTT from 7:00 am until 7:30 pm.

Genre: Animation

Created by Dr. Mani Bhaumik

Format: 26 x 22'

Produced by Moonscoop, Method Films, SKC&C Co, KI.KA, ARD-HR, Telegael Teo, M6, Europool, Ocean Productions and Cosmotoons, Inc. Directed by Andrew Young, Arnaud Bouron and Ji Hoon Son

First French Broadcaster: M6

International Sales: Moonscoop / Lionel Marty, lionel.marty@moonscoop.com

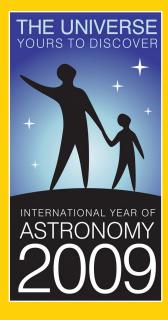
Cosmic Quantum Ray





media partners of IYA 2009





Currently airing on

Animania HD - USA. M6 - France KI.KA - Germany KBS - Korea

Premieres in 2009 on

Neo Network - Italy
Canal Panda - Portugal
Jetix/Disney - Latin America
TV2 - Denmark
E-Junior - Middle East
Faimead - Africa
ARES Media - Turkey
Noga - Israel

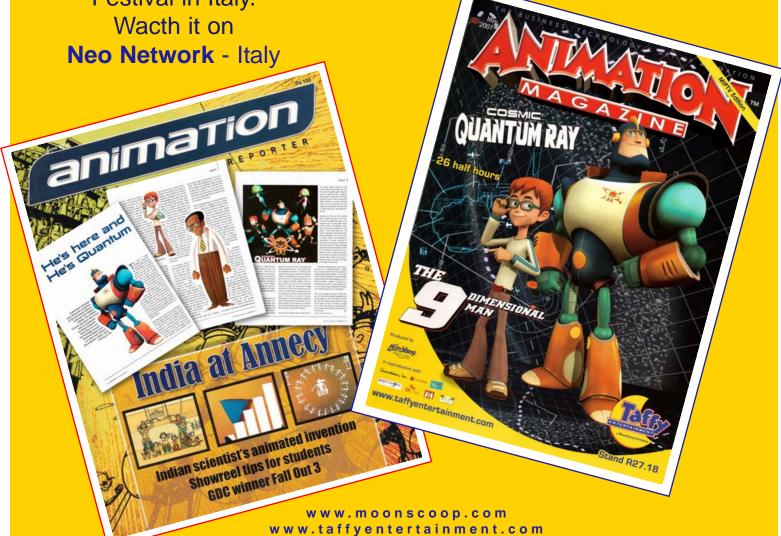
For more info go to www.moonscoop.com www.taffyentertainment.com www.cosmotoons.com



Cosmic Quantum Ray is
a recipient of
Pulcinella Award 2009
for The Best TV Series
from Cartoons on the Bay,
International Television
and Multimedia Animation
Festival in Italy.
Wacth it on



Dr. Mani Bhaumik - Creator and Executive Producer &
 Tatiana Chekhova - Executive Producer of
 Cosmic Quantum Ray with Pulcinella Award 2009



Max Planck Researchers Take on Children's Television

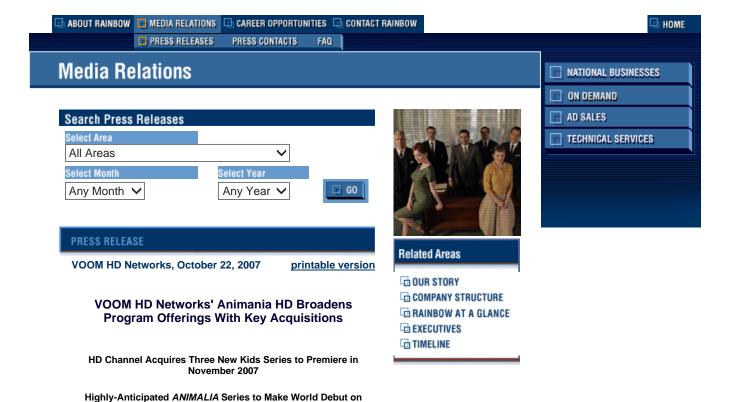
The new cartoon series "Cosmic Quantum Ray" that children's TV channel KI.KA has been airing since January just in time for the "International Year of Astronomy 2009" - actually originates in the US. When 12-year-old Robbie and TEAM QUANTUM set out to save the universe from cosmic crooks and

galactic catastrophes, they're up against Black Holes, Big Bangs, Gravitation and Dark Matter. To ensure that the German version is scientifically correct. Werner Becker and his colleagues at the Max Planck Institute for Extraterrestrial Physics in Garching have been advising the KI.KA editors on how to adapt the

> American format for German kids. The Max Planck experts also came up with the idea of accompanying each episode with a "knowledge trailer" that explains the sort of physical phenomena mentioned above in a way that the young audience will understand.



Excerpt from the cartoon series



New York, NY - October 22, 2007 - VOOM HD Networks' Animania HD, a channel solely dedicated to high-definition animation, announced today the acquisition of three new kids series. Headlining the lineup of acquired programming is the world premiere of *ANIMALIA*, based on

Animania HD

today the acquisition of three new kids series. Headlining the lineup of acquired programming is the world premiere of **ANIMALIA**, based on Graeme Base's best-selling picture book of the same name, on Friday, November 2, 2007 at 8:30pm. In addition, the channel has acquired the short-form series, **THE GLOOPS**, which will debut on Saturday, November 3 as part of a pre-school programming block "Little Big Blocks" at 9:00am, from Neptuno Films, as well as 26 half-hours of **COSMIC QUANTUM RAY**, an international co-production from Taffy Entertainment/Mike Young Productions, Method Films, M6, KIKA/ARD, Europool, Telegael, SKC&C, UTV and Ocean Productions, Inc., to premiere Wednesday, November 7, 2007 at 8:00pm. Animania HD is part of the VOOM HD Networks, the largest and most diverse suite of high-definition channels nationwide.

Today's announcement of these newly acquired series comes on the heels of three September acquisitions by Animania HD and Family Room HD, as the channels continue to expand their library of quality high-definition content in both animation and live action.

"Animania HD is actively working to give children a truly cinematic viewing experience by airing animated programming in true HD," said Keith O'Connell, Vice President of Programming for VOOM HD's Film and Series Services. "Animania is continually committed to showcasing quality, innovative animation from around the world, contributing to our ever-increasing library of high-definition entertainment."

Descriptions of the newly acquired series follow:

ANIMALIA, an international best-selling picture book, will come to life and make its worldwide debut on Animania HD with 40 half-hour episodes. The series, produced by Australia's BAFTA Award-winning Burberry Productions in association with the Emmy Award-winning team at PorchLight Entertainment, features two contemporary kids, Zoe and Alex, who visit the extraordinary land of Animalia, a spectacular place inhabited by talking animals from the pages of Graeme Base's classic book. Mysterious events have undermined the very fabric of Animalian civilization and Zoe and Alex, along with their new best friends G'Bubu Gorilla and Iggy D'Iguana, will do everything they can to restore peace and order in Animalia. Premieres Friday, November 2, 2007 at 8:30pm.

- ¿ THE GLOOPS, a new short-form and voiceless series, stars a lovable family of aliens poised to invade planet Earth. The Gloops play guessing games with sounds, and the main concept of the series is for viewers to play an active role and join in. Sounds are based on various scenarios and riddles depicted by different characters in each episode, such as a baby crying, an ostrich playing basketball, a dog driving a police car, or an elephant playing drums, among others. The true stars of the series are the Gloop family Dad Gloop, Mom Gloop, and Children Gloop who are sure to delight young viewers and stimulate their imagination. Permieres Saturday, November 3, 2007 at 9:00am.
- COSMIC QUANTUM RAY is a zany comedy-action-adventure series that brings the strange, dark, freaky corners of the universe to the world of Earth teenager, Robbie Shipton. Robbie represents Earth as a member of Team Quantum - an elite, eccentric team of intergalactic heroes that saves the Universe almost every day, and hopefully in time for Robbie to get to his third-period science class! The other members of Team Quantum include: Quantum Ray of the Ninth Dimension, Atee and Geecey of the Tooferwun Galaxy - an advanced civilization - and Bucketworth, the gadget guru. Together, they battle evil, brilliant aliens, cosmic surfers and more. Cosmic Quantum Ray was created by and developed in partnership with world-renowned quantum physicist Dr. Bhaumik, and will feature the latest in 3-D computer graphics imagery (CGI). The series will also help make quantum physics more engaging for kids, with a "Science Fact-tion" at the end of each episode. Premieres Wednesday, November 7, 2007 at 8:00pm.

About VOOM HD Networks

VOOM HD Networks comprise the world's largest suite of high-definition channels for distribution through satellite and cable operators. Produced exclusively in true high-definition and 5.1 Dolby digital surround sound, VOOM HD Networks carry programming in categories as diverse as sports, movies, fashion, music and art. VOOM HD Networks' 15 HDTV channels are available in the U.S. on Echostar's DISH Network and Cablevision's iO digital cable service. A 24/7 linear VOOM HD channel is available internationally and is currently distributed in Asia, Europe and the Middle East. Select VOOM HD programming is also available worldwide and has been licensed for exhibition in more than 150 countries. Building on parent company Rainbow Media Holdings LLC's history of original programming innovation, VOOM HD was developed to meet the growing worldwide demand for quality high-definition programming.

About Rainbow Media Holdings LLC

Rainbow Media Holdings LLC is a subsidiary of Cablevision Systems Corporation (NYSE: CVC). Rainbow Media is a leading producer of targeted, multi-platform content for global distribution, creating and managing some of the world's most compelling and dynamic entertainment brands, including AMC, IFC, WE tv, LIFESKOOL, SPORTSKOOL, and VOOM HD Networks. Through its IFC Entertainment division, Rainbow Media also owns and manages the following: IFC Films, a theatrical feature film distribution company; IFC First Take/IFC in Theaters, a day and date theatrical feature film/VOD initiative; the IFC Center in New York City; IFC Productions, a feature film production company; and IFC Entertainment, which owns and operates a film library. Rainbow Media also operates Rainbow Advertising Sales Corporation, its advertising sales company, and Rainbow Network Communications, its full service network programming origination and distribution company.

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A division of Cablevision Systems Corporation

