

## **Astronomisches Konzert**

**Gitarre, Klavier & Astrophysik: Nikolai von Krusenstiern --- Klavier & Prosa: Irena Meister**

**Version: 20.08.2016**

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## Concert

<http://ak.yoso.de/en/concert/>

The Astronomical concert is an audio-visual live performance with stunning, hand picked and heart moving, but few astronomical images.

It is an experiment. And it is an attempt of a symbiosis of our passions ...

If prose and scientific background space and time allow for contemplative enjoying acoustic music and aesthetic images of the universe, then it might succeed also, the incredible vastness of the universe in a different way to "understand". Following the concert, there is the possibility to address the outstanding issues.

With improvisations and pieces of Irena Master and Nikolai von Krusenstiern.

Irena Master carries own and other texts keeping with the theme before, sometimes with, sometimes without piano accompaniment.

Nikolai von Krusenstiern, astrophysicist & staff at the European Space Operations Center in Darmstadt (ESOC), the few, selected beautiful images lead briefly, seasoned with dose Astrophysics and plays guitar and piano.

At present there are the following programs called modules:

Module 1 "Sun, Moon & Stars"

A guided trip from Earth to distant galaxies

Blog entries to

Module 2 "black holes"

"Easy" to understand the emergence of black holes

Module 3: "Rosetta & Philae"

The incredible journey to the comet Tschuri

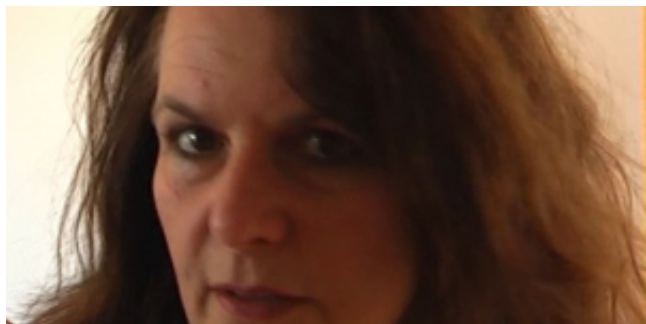
Further modules in preparation ..., articles and announcements in the press.

Booking see Contact

## About us

<http://ak.yoso.de/en/about-us/>

## Irena Meister



Irena Meister

Irena Meister presents her personal and foreign poems always in context or contrast to the actual theme, sometimes accompanied with piano, sometimes without.

Other projects\_

## Nikolai von Krusenstiern



Nikolai von Krusenstiern, Photo by [Fani Fazii](#)

Astrophysicists & works at the European Space Operations Center in Darmstadt (ESOC).

Introduces the few, hand selected and breath taking pictures briefly, seasoned with a little dose of Astrophysics and plays guitar and piano.

Darmstadt ([ESOC](#)).

Other Projects: [Yoso](#), Raumzeit [Podcast](#), [Lange Nacht der Sterne](#)

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See also press reports: [Presseschau](#)

## Programs

<http://ak.yoso.de/en/programs/>

We have created several programs on various topics and call them "**modules**".

At present these are the modules which are already created and are available in German and in English:

- Module 1 "[Sun, Moon & Stars](#)"  
A guided trip from Earth to distant galaxies.
- Module 2 "[Black Holes](#)"  
The emergence of black holes "easily" understand.
- Module 3: "[Rosetta & Philae](#)"  
The incredible journey to the comet Tschuri.

All modules, as well as other topics as "pure" Astro-Physics talks and lectures are possible, see [talks](#).

Further modules are in preparation ...

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See also [Booking](#)

## **Modul 1: Sun, Moon and Stars**

<http://ak.yoso.de/en/programs/modul-1-sun-moon-and-stars/>

A guided trip from Earth to distant galaxies.

It is an experiment. And it is an attempt of the symbiosis of our passions ...

If prose and scientific background create space and time, contemplative allowing us to enjoy acoustic music and aesthetic images of the universe, then we might succeed also to "understand" the incredible vastness of the universe in a much simpler, direct and personal way. Following the concert, there is the possibility to address the outstanding issues.

An audio-visual live performance with stunning images of Earth, the near star forming regions and distant galaxies on a large screen. With improvisations of Irena Master (piano) and Nikolai von Krusenstiern (guitar).

### **Meditative and contemplative.**

Irena Meister recite her own and other texts, keeping in pace with the presented pictures, sometimes with, sometimes without piano accompaniment.

Nikolai von Krusenstiern, astrophysicist & staff at the European Space Operations Center in Darmstadt \_\_\_\_\_

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[German Course](#) of Modul 1: Sun, Moon and Stars (PDF)

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[Pictures](#) & [Blogs](#) / [Slideshow](#) & [Gallery](#) / Other [Modules](#)...

## **Modul 2: Black Holes**

<http://ak.yoso.de/en/programs/modul-2-black-holes/>

The emergence of Black Holes "easy" to understand.

It is an experiment. And it is an attempt at a symbiosis of our passions.

If prose and scientific background create space and time to allow for contemplative enjoying acoustic music and aesthetic images of the universe, then it might also succeeds to "understand" difficult issues such as black holes in a completely different way ... At worst, it is a beautiful and sensual evening in frame of an audio-visual performance. In the better case something complex is "easily" understood beyond. This time it's all about black holes, especially about what it takes to create them in the first place.

At the end of the concert, it is possible to address any outstanding issues.

**Less is more: A little dose of physics, with time to understand.**

Irena Meister recites her own as well as other texts, in line with the theme presented, sometimes with, sometimes without her own piano accompaniment.

Nikolai von Krusenstiern, astrophysicist & working at the European Space Operations Centre in Darmstadt ([ESOC](#)) explains the fundamental reasons and forces at work & introduces briefly the few, selected and breath taking pictures, and plays guitar and piano.

[\\_and \\_ / Other Modules ...](#)

## Modul 3: Rosetta & Philae

<http://ak.yoso.de/en/programs/modul-3-rosetta-philae/>

The incredible journey to the comet Tschuri.

A guided trip from Earth until the landing on the comet Churyumov-Gerasimenko (67P).

It is an experiment. And it is an attempt of the symbiosis of our passions ...

If prose and scientific background create space and time, contemplative allowing us to enjoy acoustic music and aesthetic images of the universe, then we might succeed also to "understand" the incredible vastness of the universe in a much simpler, direct and personal way. Following the concert, there is the possibility to address the outstanding issues.

An audio-visual live performance with breathtaking images of the Earth and the comet Tschuri and the pounding highlights of the Rosseta mission on a large screen. With improvisations of Irena Master (piano) and Nikolai von Krusenstiern (guitar).

### Exciting and thrilling.

Irena Meister recite her own and other texts, keeping in pace with the presented pictures, sometimes with, sometimes without piano accompaniment.

Nikolai von Krusenstiern, astrophysicist & working at the European Space Operations Centre in Darmstadt ([ESOC](#)), explained the highlights of the Mission and leads the few, selected beautiful pictures a short, and plays guitar and piano.

Other [Modules...](#)

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### Lates News from Rosetta:

- Philae:
  - [WHERE IS PHILAE? WHEN WILL IT WAKE UP?](#)
  - [Instruments](#)
- Rosetta:
  - [Blog](#)
  - [News](#)
- Comet 67p / Churyumov-Gerasimenko:
  - [Image Archive](#)



## Pictures

<http://ak.yoso.de/en/pictures/>

### Modul 1: Sun, Moon and Stars

- [Slideshow](#) with reading links
- [Slideshow](#), full screen
- [Content](#)

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### Modul 2: Black Holes

- [Slideshow](#) with reading links
- [Slideshow](#), full screen
- [Content](#)

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### Modul 3: Rosetta & Philae

- Our slide shows is ot yet ready...
- ESA Rosetta [Image Archive](#)
- [Content](#)

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Picture-Sources: [ESO](#), [ESA](#), [NASA / JPL](#)

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What's missing? Well some audio files. We are working on it... ;-)

## Astro-Physical talks, without music

<http://ak.yoso.de/en/programs/astro-physical-talks-without-music/>

### For the general public.

#### All three modules:

- **Module 1 "[Sun, Moon & Star](#)"**  
A guided trip from Earth to distant galaxies
- **Module 2 "[Black Holes](#)"**  
The emergence of black holes, "easy" to understand
- **Module 3: "[Rosetta & Philae](#)"**  
The incredible journey to the comet Tschuri

as well as:

- **The Life and Death of Stars**  
Star Evolution
- **FTL: Faster than Light Travel**  
with Chris White ([ESOC](#))  
"Is FTL travel like in the movies possible?"
- **The European space operation centre in Darmstadt ([ESOC](#))**  
Control, operation and anomalies of current research satellites  
Background, Experiences and Anecdotes

and:

- many others ..., on request

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### For Scientist, Professionals and/or Enthusiast:

- All of the above, tailored for professionals in the field  
...
- **Passivation and Graveyard Orbit for [HERSCHEL](#) and [PLANCK](#)**  
How to fight against hundreds of engineers and a brilliant reconfiguration modules (RM)
- **[PUS](#): Packet Level CRC Error on [HERSCHEL](#) and its root cause**  
A puzzle to solve with memory scrubbers, instrument data, low level bus logic and ASIC logs
- **On Board Software Maintenance (OBSM)**  
A simplified approach for Operations (Applied to [INTEGRAL](#))
- **Old Dog, New Tricks**  
(Some) Autonomy Functions for [XMM-Newton](#)  
The 24/7 mission now can survive Ground station outages during Eclipse
- **Fuel Estimation on [Mars Express](#)**  
A new and simple approach
- **Since Time Matters**  
Why GPS, TAI and Unix time are needed for [SENTINEL-2](#) Operations
- **A Vision for ESA**  
Core Competence and Main Drivers
- **ESA Astronomy Missions**  
Operational Status update ([XMM-Newton](#), [INTEGRAL](#), [GAIA](#) | [HERSCHEL](#), [PLANCK](#) | [LISA Pathfinder](#), [EUCLID](#))
- **How to Operate a Spacecraft**

## **Astronomisches Konzert**

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Flight Dynamics, Orbits, Safe Operations

and many others ..., on request.

## Press

<http://ak.yoso.de/en/press/>

The *Darmstädter-Echo* about our [Astronomical Concert](#), Module 1: "[Sun, Moon & Stars](#)", April 28, 2015 at the [Starkenburg Observatory](#) close to Heppenheim:

- [Mit Rilke im Zeitraffer durch die Galaxie](#), [article](#) from May 4, 2015
- [Zwei Musiker treffen sich bei astronomischem Vortrag](#), [article](#) from May 4, 2015
- [Musikalische Reise in die Tiefen des Alls](#), [announcement](#) of April 25, 2015

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The announcement of the Reutlinger General Anzeiger ([GEA](#)) for our Astronomical Concert, Module 2: "Black Holes", January 25, 2015 at the [Club Voltaire](#) in Tübingen:

- [Nehrener Astrophysiker ist dem All verfallen](#), [artice](#)l from of January 20, 2015

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The [Schwarzwälder Bote](#) about our Astronomical Concert, Module 1: "[Sun, Moon & Stars](#)", October 11, 2013 Mansion in Nehren, part of a "Long Night of the Stars" events, organized by the [Cultural Forum in Nehren](#):

- [Klangvoll und atemberaubend](#), [article](#) from October 25, 2013
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## Dates

<http://ak.yoso.de/en/dates/>

### Confirmed:

- **September 12, 2015:** [Loretto Fest](#) in Tübingen in the [Vorstadt-Theater](#), Modul 1: [Sun, Moon and Stars](#)
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### Planned:

- **January 2016:** [Bruno's Kleinkunsthöhne](#) at [Club Voltaire Tübingen](#), Modul 1: [Sun, Moon and Stars](#)
- **Spring 2016:** [Starkenbug Sternwarte](#) near Heppenheim, Modul 2: [Black Holes](#)
- **September 23, 2016,** Modul 3: [Rosetta & Philae](#), [Bürgerhaus](#) in Nehren

-  
As in 2014, Nikolai organizes an **Astronomical Concert** on Friday, as well as a "Long Night of Stars" on Saturday September 24, 2015 at a nearby meadow with a bunch of telescopes for everyone to see the stars and planets. In cooperation with [Kultur Forum in Nehren](#) and the [OGV](#), both Nehren as well as the [Astronomical Institute](#) in Tübingen.

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### Contemplated:

- [Club Voltaire Frankfurt](#), Modul 1: [Sun, Moon and Stars](#)
  - A Benefit Concert for the [Friends of St. Camille](#), venue not defined yet, Modul 1: [Sun, Moon and Stars](#)
  - [Marci Panis](#) in Amsterdam, [Circus Boost](#)
  - [D.A.I.](#) Tübingen
  - [FranzK](#), Reutlingen
  - In cooperation with the [Bruderhausdiakonie Reutlingen](#) a Concert in [plain language](#), maybe also in cooperation with the Experimentalorchester [Salto Vogelscheuche](#), former known as [Halle 016](#)
  - [Filmfest Ballmersthofen](#)
  - ...
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### So far:

- October 11, **2013** [Long Night of Stars](#) organized by the [Kultur Forum](#) in Nehren, Modul 1: [Sun, Moon and Stars](#)
- April 4, **2014** [Werkstatthaus](#) in Tübingen, Modul 1: [Sun, Moon and Stars](#)
- September 13, 2014 [Vorstadttheater](#) in Tübingen at the [Lorettofest](#), Modul 1: [Sun, Moon and Stars](#)
- January 24, **2015** [Bruno's Kleinkunsthöhne](#) at the [Club Voltaire](#) in Tübingen, Modul 2: [Black Holes](#)
- April 28, 2015 [Starkenbug Sternwarte](#) close to Heppenheim, Modul 1: [Sun, Moon and Stars](#)

See also [Press](#) Articles

## Links

<http://ak.yoso.de/en/links2/>

### The Astronomical Concert also at:

- [Facebook](#)

### Current, past and friends Bands:

- [The Yoso Experiment](#), experimental, improvised
- [Meister & Stoll](#), lyrically
  
- Experimentalorchester [Salto Vogelscheuche](#), former [Halle 016](#)
  
- [Tanglefoot](#), Irish and for dancing
- [Randgruppencombo](#) (plays [Gundermann](#)), Songs for our Heart and Soul
- [Camping Orchester](#) / [Duo Karrer Stoll](#)
- [Broken Bow Stringband](#)
  
- [Dub Voyagers](#)

### Past and friends Venues:

- [Kultur Forum](#) in [Nehren](#)
- Obst und Gartenbau Verein ([OGV](#)), Nehren
- [Gasthaus Schwanen](#) i.G., Nehren
  
- [Club Voltaire](#), Tübingen
- [Vorstadttheater](#), Tübingen
- [Bruno's Kleinkunsthöhne](#), Tübingen
- [Werkstadthaus](#), Tübingen
- [Sudhaus](#), Tübingen
- Wagenburgen [Kunterbunt und Bambule](#), Tübingen
  
- [FranzK](#), Reutlingen
- [Cafe Nepomuk](#), Reutlingen
- [Zelle](#), Reutlingen
  
- [Film Festival](#), Ballmersthofen
  
- [Starkenbug Sternwarte](#), Heppenheim
  
- [Club Voltaire](#), Frankfurt

### Friends Enterprises:

- [Syndikat AG. Zimmerei](#), Reutlingen

### Friends Blogs:

- [Von wegen behindert](#)

## Booking

<http://ak.yoso.de/en/contact/booking/>



## Astronomisches Konzert

Astronomisches Konzert

For us it is quite a difference whether we support a project with a charity concert, to start a congress with an impulse or if we are playing in a small club or an observatory.

For 2,800 euros we will perform and bring any of our modules in Germany on the stage. Including all costs such as travel, hotel, food and tools, equipment and helping hands. See also our [—](#)

However, the more you take on the organization, equipment, stage preparation and clean up, as well as other tasks etc., the lower the amount. The absolute minimum is 200 Euros per artist. And depending on the event this is also negotiable.

Interested? Initial contact with [+49-7473-6094997](tel:+49-7473-6094997) (answering machine) or e-mail: [booking@astronomisches-konzert.de](mailto:booking@astronomisches-konzert.de)

We're looking forward to get in contact with you ...

**Nikolai & Irena**

## Technical Rider

<http://ak.yoso.de/en/contact/booking/technical-rider/>

### Nikolai

- **Audio channels:**

1. **Own** acoustic guitar # 1 on DI box, little, simple Hall
2. **Own** acoustic guitar # 2 via direct box, little, simple Hall
3. Microphone, voice, little, simple Hall
4. Monitor box

- **Stage:**

1. Two Guitar Stands
2. Bar stool
3. Dia Slide Table
4. Little light for notes and changing guitar strings

- **Projection:**

1. VGA or HDMI connection
2. large white canvas, min. 3m x 4m
3. fitting, light-intensive projectors

### Irena

- **Audio:**

1. Stereo electric piano, 2 x DI box or
2. Piano / wing Microphonierung
3. Microphone, Speech and vocals, little, simple Hall
4. Monitor box

- **Stage:**

1. Small light for Keyboard / Piano
2. Piano or Keyboard
  - Keyboard Stand
  - Keyboard Stool

### FOH

- Mixer
- CD input
- Hall
- Stereo PA with subwoofer, transparent, natural sound, low noise
- Monitor 2 channels

### Helping hands



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For Assembly & Disassembly  
Technical Contact and / or Mixer

## **Catering**

Before and after  
On stage: Mineral water

## **Hotel**

## Contact

<http://ak.yoso.de/en/contact/>

[Imprint](#) and [Privacy Statemen](#).

This [Wordpress](#) page created by [Nikolai von Krusenstiern](#).

- **General Questions** [kontakt@astronomisches-konzert.de](mailto:kontakt@astronomisches-konzert.de)
- **Booking:** [booking@astronomisches-konzert.de](mailto:booking@astronomisches-konzert.de) or leave a message [+49-7473-6094997](tel:+49-7473-6094997)  
see also our [Technical Rider](#) as well as [Booking](#).
- **All the relevant information as one PDF file:** [Astronomical-Concert.pdf](#)

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[Sitemap](#)

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