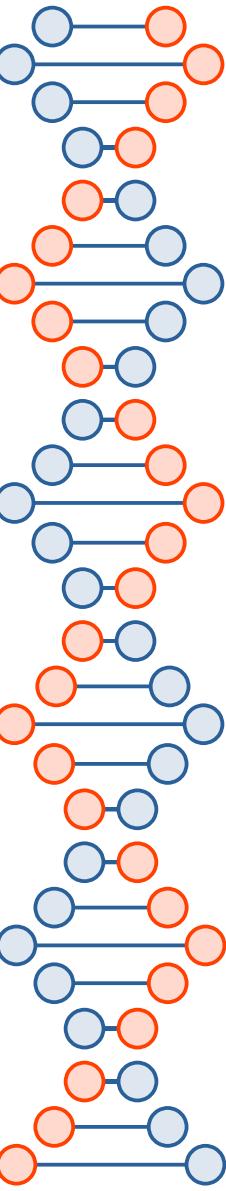


User:Plodan, Vienna, Austria

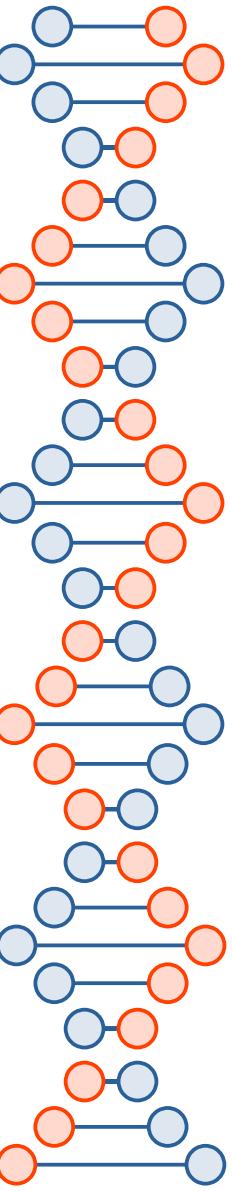
Wikimania 2025, Nairobi, Kenya





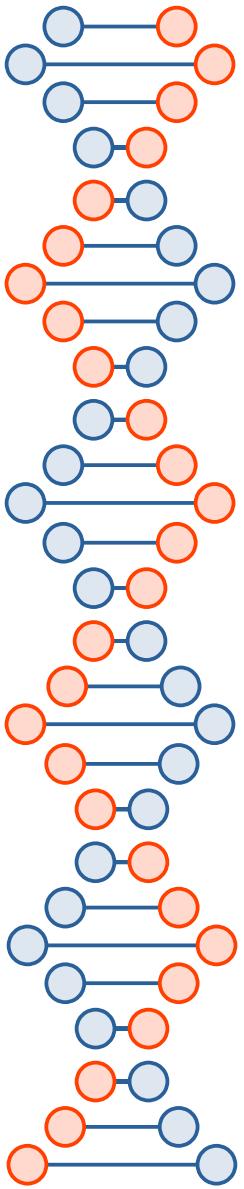
# Acoustics Research Institute (ARI) of the Austrian Academy of Sciences

- Dr. Anton BAOTIC studied at the University of Vienna, where he got a Master´s degree in 2011 for his thesis entitled „Vocal communication in infant giant pandas“.
- At the University of Vienna (founded 12th March 1365) he received a Ph.D. in biology in 2018.
- Bioacoustics, animal behaviour, and animal cognition are his core areas of expertise.
- The ARI conducts application-oriented fundamental research in the field of acoustics.



# Giraffes

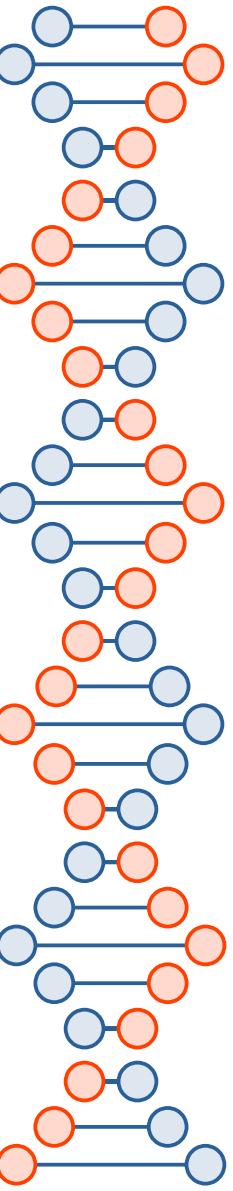
- In social animal species, vocal communication is a crucial aspect of information exchange. Giraffes live in such dynamic societies.
- Giraffes produce a variety of audible sounds such as growls, snorts, bursts, and hisses. They hum at night!
- **GIRAFFE OUT LOUD** is an ambitious pioneer research project that combines zoo and field research. The scientific findings can potentially help zoos to better meet the needs of their giraffes as well as provide knowledge-based increased conservation for this iconic and threatened species.



# GIRAFFES

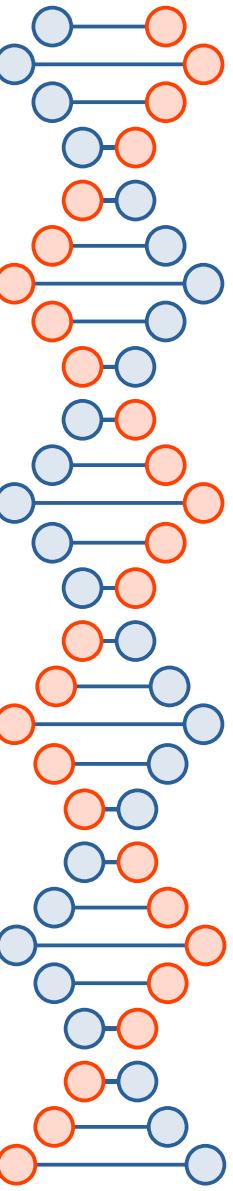
[soundcloud.com/anton-baotic/giraffe-nocturnal-humming](https://soundcloud.com/anton-baotic/giraffe-nocturnal-humming)

[antonbaotic.com/giraffeoutloud-en](https://antonbaotic.com/giraffeoutloud-en)



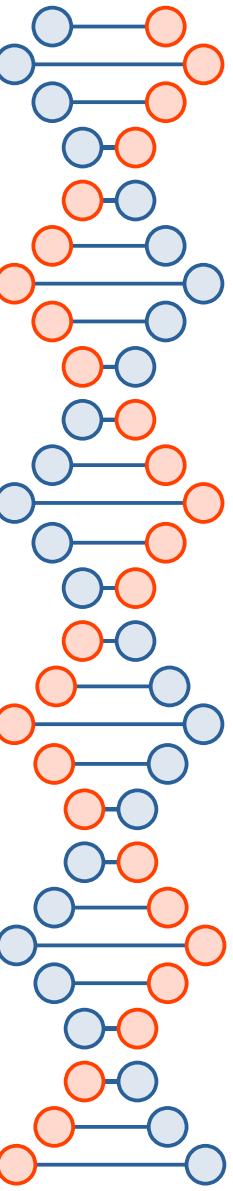
# ELEPHANTS

- Elephants can produce infrasonic calls.
- Infrasonic calls are important, particularly for long-distance communication, in both African and Asian elephants.
- Using machine learning, it was postulated in 2024 that elephants use personal names.
- Research published in „Nature Ecology and Evolution“ demonstrated that elephants call each other by name and respond when they hear others call their name.



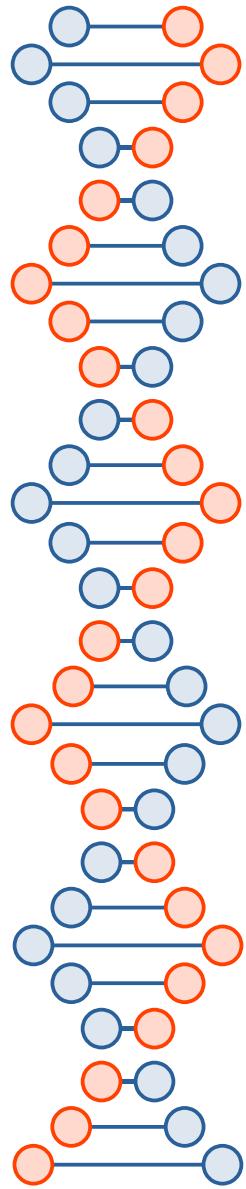
# ELEPHANTS

- Researchers analyzed hundreds of elephant calls recorded over more than a year in Kenya, utilizing machine learning to identify specific sounds made by elephants when calling each other.
- Elephants communicate via touching, visual displays, vocalisations, seismic vibrations, and semiochemicals.



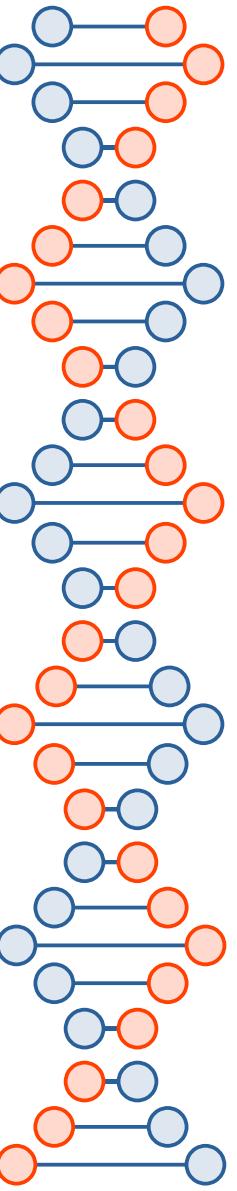
# ZOO VIENNA

- Zoo Vienna – [www.zoovienna.at](http://www.zoovienna.at) - is the oldest zoo in the world.
- It was founded in 1752 by Emperor Franz I. Stephan von Lothringen.
- The first giraffe arrived 1828 in Vienna, take a look at the web site <https://magazin.wienmuseum.at/die-erste-giraffe-in-wien>.
- World Day of Giraffes is 21 June, the longest day of the year, and celebrated in all Austrian zoos, for example [www.zooschmiding.at/welt-giraffentag-21-juni/](http://www.zooschmiding.at/welt-giraffentag-21-juni/)



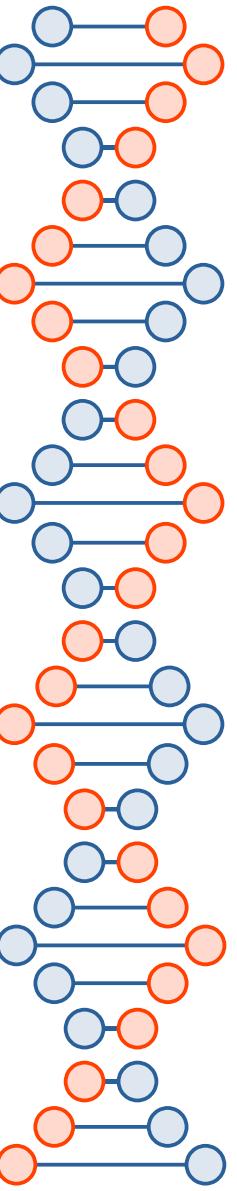
# HAUS OF MUSIC, VIENNA

- House of Music, Vienna, was founded in 2000, overall 5,5 million visitors since then from all over the world.
- A glass-roofed courtyard, a concert hall and a two-story rooftop floor with a spectacular view of Vienna´s first district, including St. Stephen´s cathedral.
- The interactive exhibition „Sonotopia“ invites to explore the world of listening – [www.hdm.at](http://www.hdm.at).



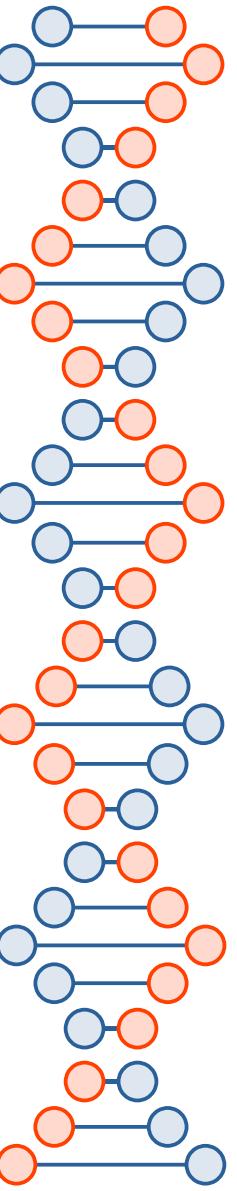
# AFRICAN MUSIC

- Congolese rumba – is a dance music genre that appeared in the late 1930s in Kinshasa and Brazzaville.
- Congolese rumba has gained global recognition and remains an integral part of African music heritage.
- In December 2021 it was added to the UNESCO list of intangible cultural heritage.
- Kinshasa, Democratic Republic of the Congo, hosted the first-ever „World Music and Tourism Festival“ (16 – 18 July 2025).



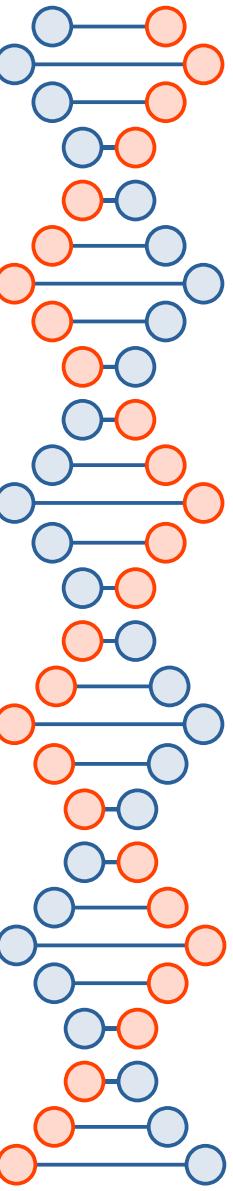
# Research papers

- Millions of research papers are published every year.
- Therefore, standing out of the crowd has become most important.
- Many researchers experience permanent publication pressure („publish or perish“).
- To publish in highly-ranked journals or with prestigious publishing houses is usually very expensive.
- Open Access publications are freely accessible to the public and generally much easier to find.



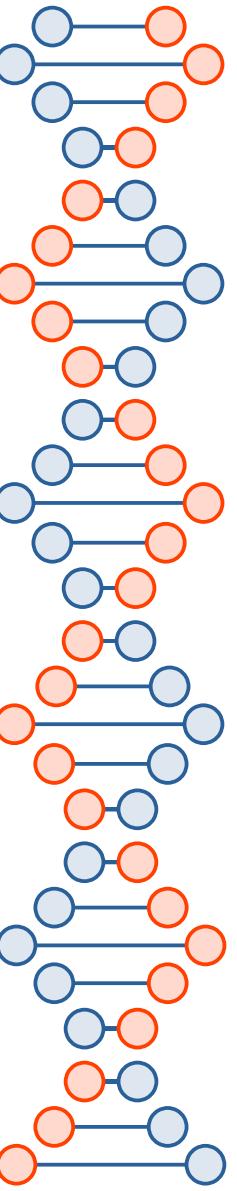
# Recommendations

- How can researchers be more visible? Take a look at the science comic at  
<https://doi.org/10.5281/zenodo.1398337>.
- The Digital Object Identifier (DOI) has become the established standard for scientific publications and research data.



# Academic social networks

- Academic social networks such as Academia.edu and ResearchGate are social networks where scientists can network, interact with other professionals, and exchange publications.
- But these networks are commercial and require entering personal data, which they analyse for advertising purposes.
- Rather use them as landing pages for your CRIS profile or ORCID record.



# The ORCID ID

- The ORCID ID (Open Researcher and Contributor ID) has become a standard for the unambiguous attribution of publications to their authors.
- Attributions just by name is prone to errors for various reasons, such as name similarities, name change (e.g. through marriages), and different spellings.