



## 12th Confluence Competition – Award Ceremony

Raúl Gutiérrez   **Aart Middeldorp**   Naoki Nishida   Teppei Saito

<http://project-coco.uibk.ac.at/2023>

The logo consists of three brown, textured circles arranged horizontally, resembling cocoa beans.

the steering committee of the

# 12th Confluence Competition

awarded

*TOOL* by *TOOL* authors

the

## First Place in the ? category

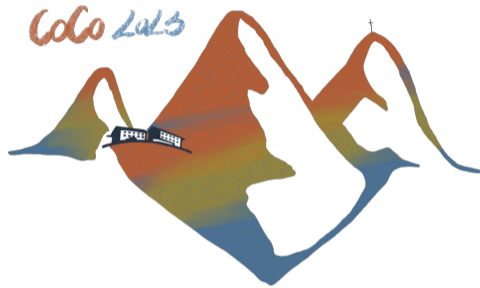
Obergurgl, 23 August 2023

# Awards

- top three tools in each category (excluding tool + certifier)
- certifiers based on total number of certified answers
- top three tools that produce most certifiable answers

CERTIFICATION

RELIABILITY



<http://cocograph.uibk.ac.at/2023.html>

# 2023 Results



**NFP** category

CSI FORT-h FORT-h + FORTify



# 2023 Results



**NFP** category

CSI FORT-h FORT-h + FORTify



# 2023 Results



**NFP** category

CSI FORT-h FORT-h+FORTify



# 2023 Results



**UNC** category

ACP CSI FORT-h FORT-h + FORTify





# 2023 Results



**UNC** category

ACP CSI FORT-h FORT-h+FORTify

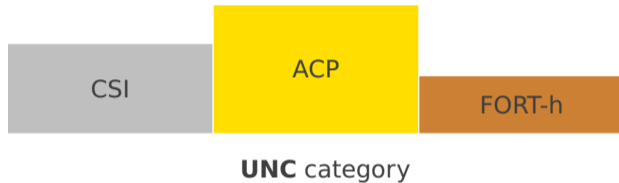


# 2023 Results



ACP CSI FORT-h FORT-h+FORTify

# 2023 Results



ACP CSI FORT-h FORT-h+FORTify



# 2023 Results



**UNR** category

ACP CSI FORT-h FORT-h+FORTify



# 2023 Results



**UNR** category

ACP CSI FORT-h FORT-h+FORTify



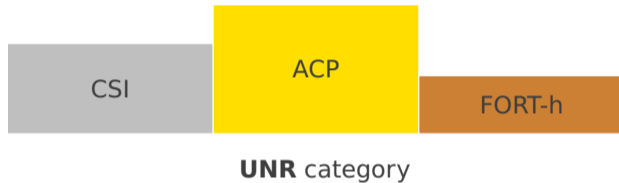
# 2023 Results



ACP CSI FORT-h FORT-h+FORTify



# 2023 Results



ACP CSI FORT-h FORT-h+FORTify



# 2023 Results



**GCR** category

AGCP FORT-h FORT-h+FORTify





# 2023 Results



**GCR** category

AGCP FORT-h FORT-h+FORTify



# 2023 Results



AGCP FORT-h FORT-h+FORTify



# 2023 Results



**COM** category

ACP ACP+CeTA CoLL FORT-h FORT-h + FORTify



# 2023 Results



ACP ACP+CeTA CoLL FORT-h FORT-h+FORTify



# 2023 Results



ACP ACP+CeTA CoLL FORT-h FORT-h + FORTify

# 2023 Results



ACP ACP+CeTA CoLL FORT-h FORT-h+FORTify

# 2023 Results



**SRS** category

ACP ACP+CeTA CONFident CSI CSI+CeTA Hakusan Hakusan+CeTA



# 2023 Results



ACP ACP+CeTA CONFident CSI CSI+CeTA Hakusan Hakusan+CeTA



# 2023 Results



ACP ACP+CeTA CONFident CSI CSI+CeTA Hakusan Hakusan+CeTA

# 2023 Results



ACP ACP+CeTA CONFident CSI CSI+CeTA Hakusan Hakusan+CeTA

# 2023 Results



**CTRS** category

ACP CO3 CONFident



# 2023 Results



**CTRS** category

ACP CO3 CONFident



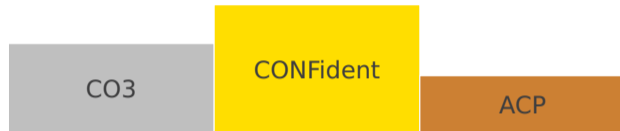
# 2023 Results



ACP CO3 CONFident



# 2023 Results



**CTRS** category

ACP CO3 CONFident



# 2023 Results

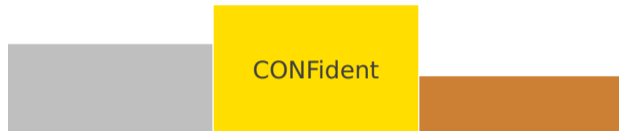


**CSR** category

ConfCSR CONFident



# 2023 Results



**CSR** category

ConfCSR CONFident





# 2023 Results



**INF** category

CO3 infChecker NaTT nonreach nonreach+CeTA Toma



# 2023 Results



CO3 infChecker NaTT nonreach nonreach+CeTA Toma

# 2023 Results



CO3 infChecker NaTT nonreach nonreach+CeTA Toma

# 2023 Results



CO3 infChecker NaTT nonreach nonreach+CeTA Toma

# 2023 Results



**CERTIFICATION** category

CeTA FORTify



# 2023 Results



**CERTIFICATION** category

CeTA FORTify



# 2023 Results



**CERTIFICATION** category

CeTA FORTify



# 2023 Results



ACP ACP+CeTA CONFident CSI CSI+CeTA FORT-h FORT-h+FORTify Hakusan Hakusan+CeTA



# 2023 Results



ACP ACP+CeTA CONFident CSI CSI+CeTA FORT-h FORT-h+FORTify Hakusan Hakusan+CeTA

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ACP ACP+CeTA CONFident CSI CSI+CeTA FORT-h FORT-h+FORTify Hakusan Hakusan+CeTA

# 2023 Results



ACP ACP+CeTA CONFident CSI CSI+CeTA FORT-h FORT-h+FORTify Hakusan Hakusan+CeTA

# 2023 Results



**RELIABILITY** category

ACP FORT-h CSI Hakusan nonreach



# 2023 Results



**RELIABILITY** category

ACP FORT-h CSI Hakusan nonreach



# 2023 Results



**RELIABILITY** category

ACP FORT-h CSI Hakusan nonreach



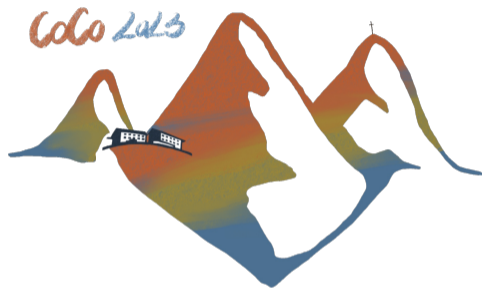
# 2023 Results



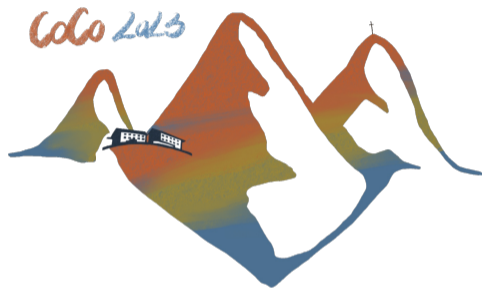
**RELIABILITY** category

ACP FORT-h CSI Hakusan nonreach









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