

Acta de la reunión del Consejo Académico del Instituto Gulich (CAIG)

4 de mayo de 2021

Siendo las 10:00 horas del **martes 4 de mayo de 2021** se reúne el Consejo Académico del Instituto Gulich (CAIG) con la presencia mediante plataforma virtual de:

- Dr. Carlos Marcelo Scavuzzo (CONAE/UNC) Director del IG
- Dra. Cecilia Cravero (UNC), consejera titular y Directora Sustituta del IG
- Dr. Pablo Recabarren (UNC), consejero titular
- Dr. Marcelo Oglietti (CONAE), consejero titular
- Dr. Daniel Barraco (UNC), consejero suplente
- Dr. Pablo Servidia (CONAE), consejero suplente

Asisten en calidad de invitados personal administrativo del IG.

Orden del día

1. Constitución Quórum de la reunión y chequear firmas acta reunión anterior.
2. Análisis del informe de la 1ra reunión del Consejo Científico y Tecnológico del IG ([Report Instituto Gulich.pdf](#)).
3. Pasos iniciales hacia la generación de un Plan Estratégico del Instituto Gulich.

Tratamiento

1. Constitución Quórum de la reunión y chequear firmas acta reunión anterior.

El quórum se constituye según Art. 7 del Estatuto dando inicio a la reunión. El acta de la reunión del 30 de marzo de 2021 ha sido firmada por todos los consejeros que estuvieron presentes.

2. Análisis del informe de la 1ra reunión del Consejo Científico y Tecnológico del IG ([Report_Instituto_Gulich.pdf](#)).

El Dr. Scavuzzo introduce la herramienta elaborada por el Dr. Oglietti, para analizar el informe enviado por el Consejo Científico y Tecnológico del IG (CCT) en diciembre de 2020. Se trata de una planilla consta de 36 ítems con recomendaciones y acciones derivadas de la lectura el informe, divididas en 5 categorías:

- Funcionamiento del CCT
- Fortalezas
- Debilidades
- Oportunidades
- Amenazas

Los consejeros dan su acuerdo a los ITEMS extraídos por el Dr. Oglietti.

Para cada uno de estos items se proponen tres columnas a ser completadas por el CAIG:

I) Si la recomendación es compartida por el CAIG.

II) Si la acción se está ejecutando pero no ha sido detectada por el CCT y por ello, quizás, se haya incluido como recomendación.

III) Si la acción no se está ejecutando y es aceptada por el CAIG, indicar cuándo sería ejecutada, si de manera inmediata o en el futuro.

Se propone que el Consejo revise y complete estas tres columnas.

Todos los consejeros acuerdan con completar de manera consensuada las 3 columnas, pasándose a analizar una por una.

El resultado de los acuerdos para cada ítem son expresados en la siguiente tabla:

Item	Related With	Area	Recommended and Derived Actions (DERIVED Actions are tagged accordingly)	CAIG Agreement (Y/N)	Dir. IG: Currently Done? @IG (Y/N)	Dir. IG +CAIG Disposition (2021 or future)
1	STC itself	STC objectives and scope	a) Define better the scope and functions of the STC Review.	Y	N	2021
2			b) Create a channel for students to communicate directly with the STC.	Y	N	2021
3	Identified Strengths	Keep doing what you did right	a) Continue to have a strong focus on relevant applications	Y	Y	NA
4			b) Continue to have a flexible structure that allows fast adaptation to new trends and needs,	Y	Y	NA
5			c) Continue current practice: keep inviting prominent researchers to participate in courses and research projects	Y	Y	NA
6			d) Continue to develop the IG presence in Latin America	Y	Y	NA
7	Identified Weaknesses	Improve the IG report by including information about	a) the courses academic contents	Y	N	Include in the next Report
8			b) the relationships with other Universities, Research Labs, Governamental branches, and firms	Y	N	Include in the next Report
9			c) the different lines of investigation at the IG	Y	N	Include in the next Report
10			d) Include documentation written in English supporting the statements in the report (additional to the Spanish). IG Director's Presentation + Brief budget presentation (such as the IG 2020 report).	Y	N	Include in the next Report t
11		Improve Program Structure	a) To improve PHD program structure [DERIVED the program has little structure in terms of courses, activities, etc)	N	N	NA
12	Identified Opportunities	Strategic Plan	a) Define a sliding three-year strategic plan with an yearly budget for the IG based on current IG mission and the STC's SWOR	Y	N	2021
13			b) This plan shall be prepared by the Management, endorsed by the STC, to be approved and funded through an yearly budget by CONAE and UNC. Note: Currently the IG has no allocated budget managed by the IG Director.	Y	N	2021

14		Go international / global	a) Pursue an outreach effort with the objective of presenting the courses to an audience beyond our mainly current Latin America audience.	Y	Y	EDX-ASI FUTURE
15			b) Consider the opportunity to become part of networks of similar institutions in other Countries.	Y	N	FUTURE
16			c) Invite renowned international researchers to be co-advisors of PhD students, thus enhancing collaborations and interaction with external groups.	Y	Y	2021 –prof. AMICUS
17		Keep being multidisciplinary but look broader	a) Strengthen connections to other departments in the university to provide additional courses and resources in fields such as design, testing, calibration of sensors, integration into UAVs etc.	Y	Y	2021 NEW MASTER
18			b) Explore the option of developing a broad pool of multidisciplinary 'Adjunct Faculty' members to expand the Institute's scope of expertise.	Y	N	2021 –prof. AMICUS
19			c) Ask students to participate in the report of activities.	N	N	Include students opinion on reports
20			d) Do they have an established representation?	N May be for the future	N	FUTURE
21	e) Increase the course offer including new topics such as: - Hyperspectral, - Polarimetry, - Applications to fields like water quality management and fisheries, - UAVs, - Cloud computing, - Data Science and Deep Learning, - Open data, - Reproducibility and replicability, and - Ethical communication with other scientists, firms, and the society		Y	N	FUTURE	
22	Identified Threats	R&D: Create the future	a) Consider a potential role of IG in leading the activities to prepare the optimal use of new EO missions Note: The IG will represent the interest of the users during the mission development and implementation (e.g. establish 'early adopters' programs with IG for the different missions as an educational tool).	Y	N	FUTURE
23			b) Consider a new line for implementation both for R&D and	Y	Y	Improve

			courses in relation to the Sustainable Developments Goals (SDG's). On one side Earth Observations data, according to the work of CEOS within GEO, constitute a key resource for the achievement of SDG's and on the other they constitute the ultimate interdisciplinary area for applications.			report
24			c) Increase the link between education, R&D, and 'real' users ensuring students' participation to projects and lead to potential jobs when they graduate (may be it is already the case but it is not evident from the report)	Y	Y	Improve report
25			d) Enhance connections with firms that work on these and other relevant topics	Y	Y	Improve report
26			e) Take measures to create a market for high-quality remote sensing products supported by sound academic activities.	Y	Y	SOPORT TO UFM
27			a) Communications, how to increase the visibility of the IG and to promote its activities. Note: From the report, the majority of the visits to the website are related to the educational section. And this is consistent with the structure of the website where there is almost any information on R&D Projects.	Y	Y	IMPROVE FUTURE
28		Improve all communication and institutional outreach efforts	b) Increase the visibility of the R&D projects to attract also users looking for solutions or for support. Content to put online may include: + List of all projects (completed and on-going); + Results of the completed projects (reports, products, tools, software) + List use cases and successful applications + List of projects' participants (users, R&D entities, companies) with short description of their skills.	Y	Y	IMPROVE FUTURE
29		Assure the IG's Strategic Plan and its Execution is focused on contributing to societal needs (to build a unified Vision as expressed by the IG Mission/Vision/Objectives)	a) The IG vision to make remote sensing a core part of the economy and meet societal needs shall be considered the main factor for decision making at any level (a new course?, a new research project?) and particularly to guide the strategy for the IG's growth and hiring. Note: A formal recommendation from the STC is for the IG to be provided the resources to implement this strategy focused to	Y	Y	2021 PEP IG

			societal needs.			
30			b) Have an approval/control instance to approve only IG activities that are in agreement with the IG's Mission/Vision/Objectives [DERIVED: to avoid divergence from IG Mission/Vision]	Y	Y	Improve report
31			c) Incorporate external independent technical expert representatives into this approval instance based on the IG's Mission to counter balance any potential pressure for out of focus politically motivated activities [DERIVED: to avoid politically motivated out of focus activities]	Y	N	2021
32			d) Pursue educational activities about the IG's Mission/Vision/Objectives Internal to the IG staff community and to the broader students communities	Y	Y	Improve report
33			e) Pursue outreach activities on the wider researchers communities (beyond the UNC and CONAE) communicating the IG's Mission/Vision/Objectives	Y	Y	Improve report
34			f) To seek pathways for the Diploma course to recruit students already working in government, NGO and private sectors and make a name brand for IG alumni.	Y	Y	Improve report
35			g) Create an alumni network.	Y	Y	Improve report
36			h) Hire permanent faculty to grant the Program a vision and a stable common structure.	Y	N	FUTURE

Se advierte que algunas observaciones del CCT pueden deberse a que la información brindada no fue completa o no fue interpretada adecuadamente. En estos casos se evalúa como *Improve Report*. Otras observaciones se consideran factibles de realizar a futuro (*FUTURE*). Si bien se sugirieron algunas medidas a adoptar, su definición quedará para futuras instancias de tratamiento.

Todos los miembros del CAIG expresan su acuerdo con la evaluación realizada respecto de los 36 ítems.

Para los ítems etiquetados como " Y , N, 2021" lo que significa que el CAIG lo considera relevante, que acuerda con que no se está realizando y es prioritario para ser encarado en este 2021, el director del IG deberá generar las estrategias para llevarlos adelante y reportar al CAIG sobre sus avances.

Adicionalmente en base a esta evaluación del CAIG se encomienda a la dirección en generar una nota de respuesta al CCT sobre este listado de recomendaciones que incluya esta evaluación consensuada por el CAIG.

3. Pasos iniciales hacia la generación de un Plan Estratégico del Instituto Gulich.

El tema no se trató en la presente reunión, quedando pendiente para la próxima.

FINALIZACIÓN DE LA REUNIÓN

Siendo las 12:00 se da por finalizada la reunión.

No se acordó fecha para la próxima reunión



República Argentina - Poder Ejecutivo Nacional
2021 - Año de Homenaje al Premio Nobel de Medicina Dr. César Milstein

Hoja Adicional de Firmas
Informe gráfico

Número:

Referencia: acta caig 04-05

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