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A For the 2009 calendar year, or tax year beginning 01-01-2009, and ending 12-31-2009				
B Check if applicable ☐ Address change ☐ Name change ☐ Initial return ☐ Terminated ☐ Amended return ☐ Application pending	Please use IRS label or print or type. See Specific Instructions.	C Name of organization INTERNATIONAL SOCIETY OF PHOTOSYNTHESIS RESEARCH		D Employer identification number 26-0804449
		Number and street (or P O box, if mail is not delivered to street address) PO BOX 1897		E Telephone number (785) 843-1234
		City or town, state or country, and ZIP + 4 LAWRENCE, KS 66044		F Group Exemption Number

◆ Section 501(c)(3) organizations and 4947(a)(1) nonexempt charitable trusts must attach a completed Schedule A (Form 990 or 990-EZ).		G Accounting method ☒ Cash ☐ Accrual Other (specify) ▶	
I Website: WWW PHOTOSYNTHESISRESEARCH.ORG		H Check ☐ if the organization is not required to attach Schedule B (Form 990, 990-EZ, or 990-PF)	
J Tax-Exempt status (check only one)— ☒ 501(c)(3) ☐ (Insert no.) ☐ 4947(a)(1) or ☐ 527			

K Check ☐ if the organization is not a section 509(a)(3) supporting organization **and** its gross receipts are normally **not** more than \$25,000. A Form 990-EZ or Form 990 return is not required, but if the organization chooses to file a return, be sure to file a complete return.

L Add lines 5b, 6b, and 7b, to line 9 to determine gross receipts, if \$500,000 or more, file Form 990 instead of Form 990-EZ \$ 42,499

Part I Revenue, Expenses, and Changes in Net Assets or Fund Balances (See the instructions for Part I)									
Revenue	1	Contributions, gifts, grants, and similar amounts received						1	21,203
	2	Program service revenue including government fees and contracts						2	
	3	Membership dues and assessments						3	18,035
	4	Investment income						4	53
	5a	Gross amount from sale of assets other than inventory				5a		5c	
	b	Less cost or other basis and sales expenses				5b	0		
	c Gain or (loss) from sale of assets other than inventory (Subtract line 5b from line 5a)								
	6	Special events and activities (complete applicable parts of Schedule G) If any amount is from gaming, check here 						6c	0
	a	Gross revenue (not including \$ _ of contributions reported on line 1)				6a	0		
	b	Less direct expenses other than fundraising expenses				6b	0		
	c Net income or (loss) from special events and activities (Subtract line 6b from line 6a)								
	7a	Gross sales of inventory, less returns and allowances				7a		7c	
b	Less cost of goods sold				7b	0			
c Gross profit or (loss) from sales of inventory (Subtract line 7b from line 7a)									
8	Other revenue (describe )						8	3,208	
9	Total revenue. Add lines 1, 2, 3, 4, 5c, 6c, 7c, and 8 						9	42,499	
Expenses	10	Grants and similar amounts paid (attach schedule) 						10	5,000
	11	Benefits paid to or for members						11	
	12	Salaries, other compensation, and employee benefits						12	
	13	Professional fees and other payments to independent contractors						13	
	14	Occupancy, rent, utilities, and maintenance						14	
	15	Printing, publications, postage, and shipping						15	
	16	Other expenses (describe )						16	25,838
	17	Total expenses. Add lines 10 through 16 						17	30,838
Net Assets	18	Excess or (deficit) for the year (Subtract line 17 from line 9)						18	11,661
	19	Net assets or fund balances at beginning of year (from line 27, column (A)) (must agree with end-of-year figure reported on prior year's return)						19	47,031
	20	Other changes in net assets or fund balances (attach explanation)						20	
	21	Net assets or fund balances at end of year Combine lines 18 through 20 						21	58,692

Part II Balance Sheets —If Total assets on line 25, column (B) are \$1,250,000 or more, file Form 990 instead of Form 990-EZ		
(See the instructions for Part II)		
	(A) Beginning of year	(B) End of year
22 Cash, savings, and investments	47,031	22 58,692
23 Land and buildings		23
24 Other assets (describe _____)		24
25 Total assets	47,031	25 58,692
26 Total liabilities (describe _____)		26
27 Net assets or fund balances (line 27 of column (B) must agree with line 21) .	47,031	27 58,692

Expenses

(Required for section 501(c)(3) and 501(c)(4) organizations and section 4947(a)(1) trusts, optional for others)

Describe what was achieved in carrying out the organization's exempt purposes. In a clear and concise manner, describe the services provided, the number of persons benefited, and other relevant information for each program title.

28a

29a

30a

5,000

31a

32

25,075

[illegible]

Part VOther Information (Note the statement requirements in the instructions for Part V.)		Yes	No
33	Did the organization engage in any activity not previously reported to the IRS? If "Yes," attach a detailed description of each activity	33	No
34	Were any changes made to the organizing or governing documents? If "Yes," attach a conformed copy of the changes	34	No
35	If the organization had income from business activities, such as those reported on lines 2, 6a, and 7a (among others), but not reported on Form 990-T, attach a statement explaining why the organization did not report the income on Form 990-T		
a	Did the organization have unrelated business gross income of \$1,000 or more or was it subject to section 6033 (e) notice, reporting, and proxy tax requirements?	35a	No
b	If "Yes," has it filed a tax return on Form 990-T for this year?	35b	
36	Did the organization undergo a liquidation, dissolution, termination, or significant disposition of net assets during the year? If "Yes," complete applicable parts of Schedule N	36	No
37a	Enter amount of political expenditures, direct or indirect, as described in the instructions ▶	37a	
b	Did the organization file Form 1120-POL for this year?	37b	No
38a	Did the organization borrow from, or make any loans to, any officer, director, trustee, or key employee or were any such loans made in a prior year and still outstanding at the end of the period covered by this return? . . .	38a	No
b	If "Yes," complete Schedule L, Part II and enter the total amount involved .	38b	
39	Section 501(c)(7) organizations. Enter		
a	Initiation fees and capital contributions included on line 9	39a	0
b	Gross receipts, included on line 9, for public use of club facilities	39b	0
40a	Section 501(c)(3) organizations. Enter amount of tax imposed on the organization during the year under section 4911 ▶ _____, section 4912 ▶ _____, section 4955 ▶ _____		
b	Section 501(c)(3) and 501(c)(4) organizations. Did the organization engage in any section 4958 excess benefit transaction during the year or is it aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? If "Yes," complete Schedule L, Part I	40b	No
c	Section 501(c)(3) and 501(c)(4) organizations Enter amount of tax imposed on organization managers or disqualified persons during the year under sections 4912, 4955, and 4958 . . . ▶ _____		
d	Section 501(c)(3) and 501(c)(4) organizations Enter amount of tax on line 40c reimbursed by the organization ▶ _____		
e	All organizations. At any time during the tax year, was the organization a party to a prohibited tax shelter transaction? If "Yes," complete Form 8886-T	40e	No
41	List the states with which a copy of this return is filed ▶ _____		
42a	The organization's books are in care of ▶ JOHN GOLBECK Telephone no ▶ (814) 865-1163 310 S FREAR LABORATORY Located at ▶ UNIVERSITY PARK, PA ZIP + 4 ▶ 16802		
b	At any time during the calendar year, did the organization have an interest in or a signature or other authority over a financial account in a foreign country (such as a bank account, securities account, or other financial account)? If "Yes," enter the name of the foreign country ▶ _____ See the instructions for exceptions and filing requirements for Form TD F 90-22.1, Report of Foreign Bank and Financial Accounts.	42b	No
c	At any time during the calendar year, did the organization maintain an office outside of the U S ? If "Yes," enter the name of the foreign country ▶ _____	42c	No
43	Section 4947(a)(1) nonexempt charitable trusts filing Form 990-EZ in lieu of Form 1041 —Check here ▶ ☒ and enter the amount of tax-exempt interest received or accrued during the tax year ▶ 43		
44	Did the organization maintain any donor advised funds? If "Yes", Form 990 must be completed instead of Form 990-EZ.	44	No
45	Is any related organization a controlled entity of the organization within the meaning of section 512(b)(13)? If "Yes", Form 990 must be completed instead of Form 990-EZ.	45	No

Part VI

Section 501(c)(3) organizations and section 4947(a)(1) nonexempt charitable trusts only.
All section 501(c)(3) organizations and section 4947(a)(1) nonexempt charitable trusts must answer questions 46-49b and complete the tables for lines 50 and 51.

46	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I	Yes	No
47	Did the organization engage in lobbying activities? If "Yes," complete Schedule C, Part II		No
48	Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E		No
49a	Did the organization make any transfers to an exempt non-charitable related organization?		No
49b	If "Yes," was the related organization a section 527 organization?		No

50 Complete this table for the organization's five highest compensated employees (other than officers, directors, trustees and key employees) who each received more than \$100,000 of compensation from the organization. If there is none, enter "None "

(a) Name and address of each employee paid more than \$100,000	(b) Title and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans & deferred compensation	(e) Expense account and other allowances
NONE				

50(f) Total number of other employees paid over \$100,000

51 Complete this table for the organization's five highest compensated independent contractors who each received more than \$100,000 of compensation from the organization. If there is none, enter "None "

(a) Name and address of each independent contractor paid more than \$100,000	(b) Type of service	(c) Compensation
NONE		

51(d) Total number of other independent contractors each receiving over \$100,000

Please Sign Here	Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.				
	Signature of officer		Date		
Paid Preparer's Use Only	Preparer's signature		Date	Check if self-employed	Preparer's identifying number (See instructions)
	Firm's name (or yours if self-employed), address, and ZIP + 4		EIN		Phone no
May the IRS discuss this return with the preparer shown above? See instructions					

SCHEDULE A

(Form 990 or 990EZ)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.

▶ Attach to Form 990 or Form 990-EZ. ▶ See separate instructions.

OMB No 1545-0047

2009

Open to Public Inspection

Name of the organization INTERNATIONAL SOCIETY OF PHOTOSYNTHESIS RESEARCH	Employer identification number 26-0804449
--	--

Part I

Reason for Public Charity Status (All organizations must complete this part.) See instructions

The organization is not a private foundation because it is (For lines 1 through 11, check only one box)

- 1

☐

A church, convention of churches, or association of churches **section 170(b)(1)(A)(i).**
- 2

☐

A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E)
- 3

☐

A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**
- 4

☐

A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state
- 5

☐

An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II)
- 6

☐

A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**
- 7

☐

An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi)** (Complete Part II)
- 8

☐

A community trust described in **section 170(b)(1)(A)(vi)** (Complete Part II)
- 9

☒

An organization that normally receives (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975 See **section 509(a)(2).** (Complete Part III)
- 10

☐

An organization organized and operated exclusively to test for public safety See**section 509(a)(4).**
- 11

☐

An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2) See **section 509(a)(3).** Check the box that describes the type of supporting organization and complete lines 11e through 11h

a

☐

Type I

b

☐

Type II

c

☐

Type III - Functionally integrated

d

☐

Type III - Other
- e

☐

By checking this box, I certify that the organization is not controlled directly or indirectly by one or more disqualified persons other than foundation managers and other than one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2)
- f

☐

If the organization received a written determination from the IRS that it is a Type I, Type II or Type III supporting organization, check this box
- g

☐

Since August 17, 2006, has the organization accepted any gift or contribution from any of the following persons?

(i)

a person who directly or indirectly controls, either alone or together with persons described in (ii) and (iii) below, the governing body of the the supported organization?

(ii)

a family member of a person described in (i) above?

(iii)

a 35% controlled entity of a person described in (i) or (ii) above?
- h

☐

Provide the following information about the supported organization(s)

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1- 9 above or IRC section (see instructions))	(iv) Is the organization in col (i) listed in your governing document?		(v) Did you notify the organization in col (i) of your support?		(vi) Is the organization in col (i) organized in the U S ?		(vii) Amount of support?
			Yes	No	Yes	No	Yes	No	
Total									

Part II

Support Schedule for Organizations Described in IRC 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)
(Complete only if you checked the box on line 5, 7, or 8 of Part I.)

Section A. Public Support						
Calendar year (or fiscal year beginning in)	(a) 2005	(b) 2006	(c) 2007	(d) 2008	(e) 2009	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")						
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 Total. Add lines 1 through 3						
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						
6 Public Support. Subtract line 5 from line 4						

Section B. Total Support						
Calendar year (or fiscal year beginning in)	(a) 2005	(b) 2006	(c) 2007	(d) 2008	(e) 2009	(f) Total
7 Amounts from line 4						
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income (Explain in Part IV) Do not include gain or loss from the sale of capital assets						
11 Total support (Add lines 7 through 10)						
12 Gross receipts from related activities, etc (See instructions)					12	
13 First Five Years If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a 501(c)(3) organization, check this box and stop here						

Section C. Computation of Public Support Percentage						
14 Public Support Percentage for 2009 (line 6 column (f) divided by line 11 column (f))		14				
15 Public Support Percentage for 2008 Schedule A, Part II, line 14		15				
16a 33 1/3% support test—2009. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization						
b 33 1/3% support test—2008. If the organization did not check the box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization						
17a 10%-facts-and-circumstances test—2009. If the organization did not check a box on line 13, 16a, or 16b and line 14 is 10% or more, and if the organization meets the "facts and circumstances" test, check this box and stop here. Explain in Part IV how the organization meets the "facts and circumstances" test The organization qualifies as a publicly supported organization						
b 10%-facts-and-circumstances test—2008. If the organization did not check a box on line 13, 16a, 16b, or 17a and line 15 is 10% or more, and if the organization meets the "facts and circumstances" test, check this box and stop here. Explain in Part IV how the organization meets the "facts and circumstances" test The organization qualifies as a publicly supported organization						
18 Private Foundation If the organization did not check a box on line 13, 16a, 16b, 17a or 17b, check this box and see instructions						

Part IIISupport Schedule for Organizations Described in IRC 509(a)(2)
(Complete only if you checked the box on line 9 of Part I.)

Section A. Public Support

Calendar year (or fiscal year beginning in)	(a) 2005	(b) 2006	(c) 2007	(d) 2008	(e) 2009	(f) Total
1Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")		14,209	27,300	37,248	39,238	117,995
2Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose		15,063	51,030			66,093
3Gross receipts from activities that are not an unrelated trade or business under section 513						0
4Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						0
5The value of services or facilities furnished by a governmental unit to the organization without charge						0
6Total. Add lines 1 through 5		29,272	78,330	37,248	39,238	184,088
7aAmounts included on lines 1, 2, and 3 received from disqualified persons						0
bAmounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year						0
cAdd lines 7a and 7b						
8Public Support (Subtract line 7c from line 6)						184,088

Section B. Total Support

Calendar year (or fiscal year beginning in)	(a) 2005	(b) 2006	(c) 2007	(d) 2008	(e) 2009	(f) Total
9Amounts from line 6		29,272	78,330	37,248	39,238	184,088
10aGross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources		71	70	71	53	265
bUnrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						0
cAdd lines 10a and 10b		71	70	71	53	265
11Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						0
12Other income. Do not include gain or loss from the sale of capital assets (Explain in Part IV.)				505	3,208	3,713
13Total support (Add lines 9, 10c, 11 and 12.)						188,066

14First Five Years If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a 501(c)(3) organization, check this box and **stop here** ☒

Section C. Computation of Public Support Percentage

15Public Support Percentage for 2009 (line 8 column (f) divided by line 13 column (f))	15	0 %
16Public support percentage from 2008 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage

17Investment income percentage for 2009 (line 10c column (f) divided by line 13 column (f))	17	0 %
18Investment income percentage from 2008 Schedule A, Part III, line 17	18	

19a**33 1/3% support tests—2009.** If the organization did not check the box on line 14, and line 15 is more than 33 1/3% and line 17 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization ☒

b**33 1/3% support tests—2008.** If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization ☒

20**Private Foundation** If the organization did not check a box on line 14, 19a or 19b, check this box and see instructions ☒

Part IV

Supplemental Information. Supplemental Information. Complete this part to provide the explanation required by Part II, line 10; Part II, line 17a or 17b; or Part III, line 12. Provide any other additional information. See instructions

Additional Data

Software ID:

Software Version:

EIN: 26-0804449

Name: INTERNATIONAL SOCIETY OF PHOTOSYNTHESIS RESEARCH

Form 990EZ, Part IV - List of Officers, Directors, Trustees, and Key Employees

(A) Name and address	(B) Title and average hours per week devoted to position	(C) Compensation (If not paid, enter -0-.)	(D) Contributions to employee benefit plans & deferred compensation	(E) Expense account and other allowances
AS Raghavendra PO Box 1897 Lawrence, KS 66044	Oceania Board 0	0		
Julian Eaton-Rye PO Box 1897 Lawrence, KS 66044	Oceania Board 0	0		
Katsumi Matsuura PO Box 1897 Lawrence, KS 66044	Oceania Board 0	0		
Susanne Von Caemmerer PO Box 1897 Lawrence, KS 66044	Oceania Board 0	0		
Stefan Jansson PO Box 1897 Lawrence, KS 66044	Europe Board 0	0		
Roberta Bassi PO Box 1897 Lawrence, KS 66044	Europe Board 0	0		
Anja Krieger-Liszkay PO Box 1897 Lawrence, KS 66044	Europe Board 0	0		
Francis-Andre Wollman PO Box 1897 Lawrence, KS 66044	Europe Board 0	0		
Christine Foyer PO Box 1897 Lawrence, KS 66044	Europe Board 0	0		
Neil Baker PO Box 1897 Lawrence, KS 66044	Europe Board 0	0		
Petra Fromme PO Box 1897 Lawrence, KS 66044	American Board 0	0		
Wim Vermaas PO Box 1897 Lawrence, KS 66044	American Board 0	0		
Sabeeha Merchant PO Box 1897 Lawrence, KS 66044	American Board 0	0		
Arthur Grossman PO Box 1897 Lawrence, KS 66044	American Board 0	0		
Donald Bryant PO Box 1897 Lawrence, KS 66044	American Board 0	0		
Barry Osmond PO Box 1897 Lawrence, KS 66044	Treasurer 0	0		
Eva-Mari Aro PO Box 1897 Lawrence, KS 66044	Past- President 0	0		
JOHN GOLBECK PO Box 1897 Lawrence, KS 66044	Secretary 0	0		
James Barber PO Box 1897 Lawrence, KS 66044	President 0	0		

TY 2009 Grants and Similar Amounts Paid Schedule

Name: INTERNATIONAL SOCIETY OF PHOTOSYNTHESIS
RESEARCH

EIN: 26-0804449

Software ID: 09000047

Software Version: 2009v1.3

Item No.	1
Class of Activity	Awards
Donee's Name	Eastern Regional Photosynthesis Conferen
Donee's Address	PO Box 1897 Lawrence, KS 66044
Amount (FMV)	1,000
Purpose of Payment to Affiliate	
Relationship	
Description	
Book Value	
How BV Determined	
How FMV Determined	
Date of Gift	

Item No.	2
Class of Activity	Awards
Donee's Name	35th Annual Midwest SE Conference
Donee's Address	Yulia Pucshkar Berkeley Natl Lab 1 Berkeley, CA 95616
Amount (FMV)	1,000
Purpose of Payment to Affiliate	
Relationship	
Description	
Book Value	
How BV Determined	
How FMV Determined	
Date of Gift	

Item No.	3
Class of Activity	Awards
Donee's Name	Kevin Redding
Donee's Address	ASU Chemistry- Box 8716204 Tempe, AZ 85287
Amount (FMV)	1,000
Purpose of Payment to Affiliate	
Relationship	
Description	
Book Value	
How BV Determined	
How FMV Determined	
Date of Gift	

Item No.	4
Class of Activity	Awards
Donee's Name	Gordon Research Conferences
Donee's Address	512 Liberty Lane West Kingston, RI 02892
Amount (FMV)	2,000
Purpose of Payment to Affiliate	
Relationship	
Description	
Book Value	
How BV Determined	
How FMV Determined	
Date of Gift	

TY 2009 Other Expenses Schedule

Name: INTERNATIONAL SOCIETY OF PHOTOSYNTHESIS
RESEARCH

EIN: 26-0804449

Software ID: 09000047

Software Version: 2009v1.3

Description	Amount
WEBSITE, PUBLISHING & INTERNET	1,457
Other Indirect Expense	1,750
MEETING EXPENSE	12,000
MANAGEMENT FEES	9,776
CREDIT CARD FEES	684
BANK CHARGES	171

TY 2009 Other Revenues Schedule

Name: INTERNATIONAL SOCIETY OF PHOTOSYNTHESIS
RESEARCH

EIN: 26-0804449

Software ID: 09000047

Software Version: 2009v1.3

Description	Amount
Miscellaneous Income	3,208